

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
 Data File : BG049406.D
 Acq On : 22 Jul 2021 9:42
 Operator : CG/JU
 Sample : M2940-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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 7/23/2021 11:50:26 AM

Quant Time: Jul 22 11:00:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 10:56:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	22579	20.00	ng	# 0.00
21) Naphthalene-d8	10.870	136	86436	20.00	ng	# 0.00
39) Acenaphthene-d10	14.700	164	58943	20.00	ng	0.00
64) Phenanthrene-d10	17.450	188	126456	20.00	ng	# 0.00
76) Chrysene-d12	21.732	240	143752	20.00	ng	0.00
86) Perylene-d12	25.010	264	149433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.601	112	146631	110.18	ng	0.00
7) Phenol-d6	7.205	99	207449	107.03	ng	0.00
23) Nitrobenzene-d5	9.220	82	121562	63.01	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	89831	113.80	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	253321	61.84	ng	0.00
79) Terphenyl-d14	20.058	244	435998	59.23	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.486	88	3377	5.60	ng	# 74
3) Pyridine	3.903	79	4793m	3.12	ng	
4) n-Nitrosodimethylamine	3.815	42	2993	3.97	ng	# 83
6) Aniline	7.369	93	9270	4.42	ng	# 82
8) 2-Chlorophenol	7.610	128	5624	4.12	ng	82
9) Benzaldehyde	7.193	77	6310	4.90	ng	89
10) Phenol	7.234	94	6867	3.72	ng	87
11) bis(2-Chloroethyl)ether	7.463	93	5419	4.28	ng	85
12) 1,3-Dichlorobenzene	7.945	146	6655	4.12	ng	91
13) 1,4-Dichlorobenzene	8.092	146	5362	3.34	ng	91
14) 1,2-Dichlorobenzene	8.409	146	6457m	4.16	ng	
15) Benzyl Alcohol	8.291	79	5565	3.51	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.573	45	6004	4.06	ng	89
17) 2-Methylphenol	8.491	107	4501	3.66	ng	# 84
18) Hexachloroethane	9.149	117	2449	3.92	ng	# 85
19) n-Nitroso-di-n-propyla...	8.855	70	5019	3.94	ng	# 90
20) 3+4-Methylphenols	8.826	107	6476	3.84	ng	96
22) Acetophenone	8.879	105	9763	4.22	ng	# 97
24) Nitrobenzene	9.261	77	8217	4.06	ng	98
25) Isophorone	9.784	82	12812	3.75	ng	# 93
26) 2-Nitrophenol	9.977	139	2577	3.50	ng	94
27) 2,4-Dimethylphenol	10.036	122	4797	4.08	ng	# 79
28) bis(2-Chloroethoxy)met...	10.271	93	5994	3.93	ng	# 85
29) 2,4-Dichlorophenol	10.518	162	4705	3.45	ng	91
30) 1,2,4-Trichlorobenzene	10.729	180	6175	4.01	ng	# 84
31) Naphthalene	10.923	128	18566	4.07	ng	99
32) Benzoic acid	10.160	122	474m	0.61	ng	
33) 4-Chloroaniline	11.041	127	6760	3.89	ng	# 86
34) Hexachlorobutadiene	11.205	225	4318	3.91	ng	88
35) Caprolactam	11.793	113	1311	3.10	ng	# 53
36) 4-Chloro-3-methylphenol	12.151	107	5624	3.50	ng	# 81
37) 2-Methylnaphthalene	12.533	142	13408	4.03	ng	92
38) 1-Methylnaphthalene	12.750	142	12538	3.94	ng	92
40) 1,2,4,5-Tetrachloroben...	12.891	216	6802	3.90	ng	94
41) Hexachlorocyclopentadiene	12.874	237	2232	2.87	ng	84
43) 2,4,6-Trichlorophenol	13.132	196	3421	3.01	ng	99

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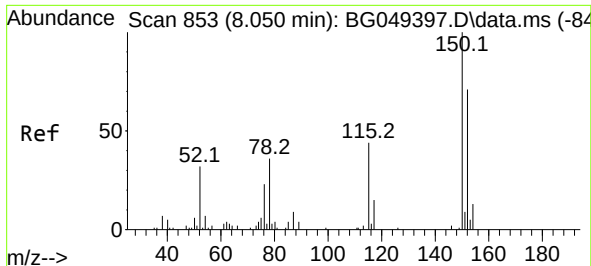
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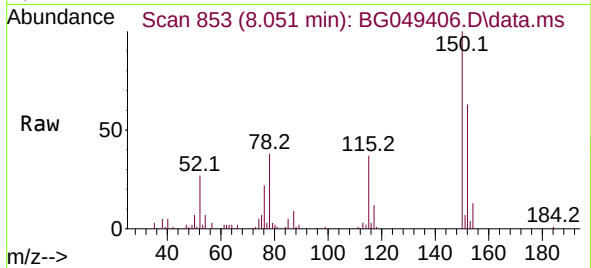
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 10:56:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.208	196	3835	3.12	ng	93
46) 1,1'-Biphenyl	13.531	154	17990	4.16	ng	91
47) 2-Chloronaphthalene	13.578	162	12475	3.76	ng #	87
48) 2-Nitroaniline	13.778	65	4447	3.85	ng	89
49) Acenaphthylene	14.419	152	21042	3.91	ng	94
50) Dimethylphthalate	14.148	163	17355	4.05	ng #	98
51) 2,6-Dinitrotoluene	14.278	165	3257	3.50	ng #	78
52) Acenaphthene	14.765	154	13351	4.11	ng	88
53) 3-Nitroaniline	14.601	138	3175	3.41	ng #	99
54) 2,4-Dinitrophenol	14.818	184	57	0.15	ng #	8
55) Dibenzofuran	15.100	168	19163	3.68	ng #	91
56) 4-Nitrophenol	14.930	139	1750	2.38	ng #	34
57) 2,4-Dinitrotoluene	15.059	165	4771	3.71	ng #	87
58) Fluorene	15.746	166	15935	3.77	ng	85
59) 2,3,4,6-Tetrachlorophenol	15.329	232	3580	3.18	ng #	98
60) Diethylphthalate	15.505	149	17125	3.98	ng #	92
61) 4-Chlorophenyl-phenyle...	15.740	204	8111	3.78	ng	93
62) 4-Nitroaniline	15.764	138	3092	3.15	ng	88
63) Azobenzene	16.034	77	18488	3.88	ng	83
65) 4,6-Dinitro-2-methylph...	15.828	198	1113	1.62	ng #	61
66) n-Nitrosodiphenylamine	15.952	169	13720	3.78	ng	92
67) 4-Bromophenyl-phenylether	16.639	248	6195	4.33	ng	86
68) Hexachlorobenzene	16.757	284	6283	3.87	ng #	91
69) Atrazine	16.898	200	5953	4.14	ng	95
70) Pentachlorophenol	17.103	266	972	1.33	ng #	55
71) Phenanthrene	17.491	178	25428	3.74	ng	97
72) Anthracene	17.585	178	26529m	3.97	ng	
73) Carbazole	17.855	167	23777	3.74	ng	97
74) Di-n-butylphthalate	18.407	149	27432	3.79	ng #	94
75) Fluoranthene	19.500	202	32716	3.87	ng	98
77) Benzidine	19.682	184	13721	3.45	ng	97
78) Pyrene	19.864	202	33014	3.50	ng	98
80) Butylbenzylphthalate	20.745	149	12096	3.53	ng	98
81) Benzo(a)anthracene	21.709	228	34477	3.79	ng	97
82) 3,3'-Dichlorobenzidine	21.626	252	12395	4.72	ng	90
83) Chrysene	21.779	228	31723	3.61	ng	95
84) Bis(2-ethylhexyl)phtha...	21.615	149	18120	3.52	ng #	98
85) Di-n-octyl phthalate	22.842	149	33283	3.75	ng	99
87) Indeno(1,2,3-cd)pyrene	28.746	276	42519m	4.02	ng	
88) Benzo(b)fluoranthene	23.964	252	35451	3.68	ng #	89
89) Benzo(k)fluoranthene	24.029	252	34207	3.82	ng #	95
90) Benzo(a)pyrene	24.851	252	34358	3.94	ng	98
91) Dibenzo(a,h)anthracene	28.811	278	34946	3.93	ng #	97
92) Benzo(g,h,i)perylene	29.927	276	34639	3.94	ng #	85

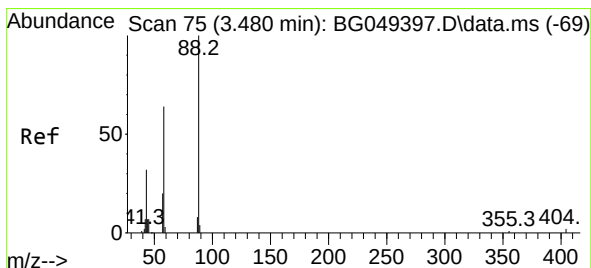
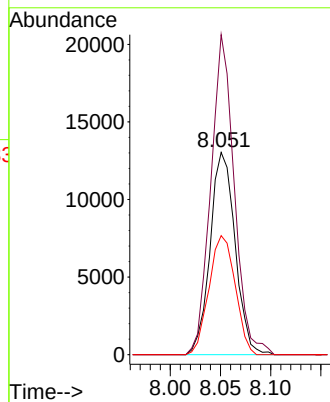
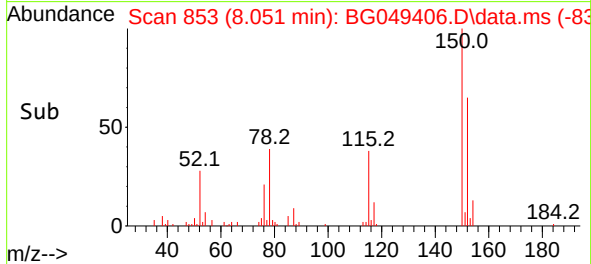
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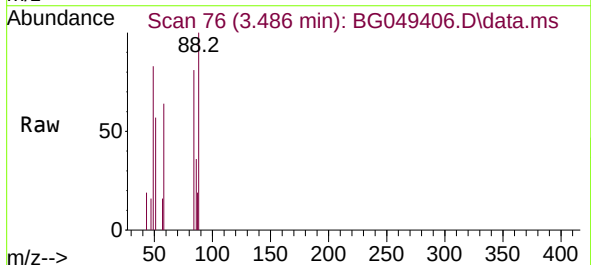
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.051 min Scan# 853
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



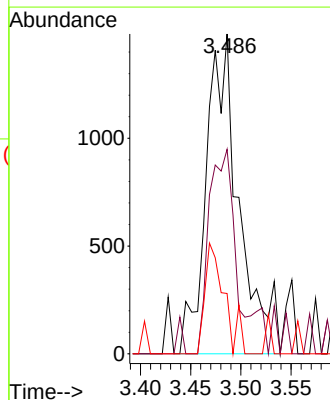
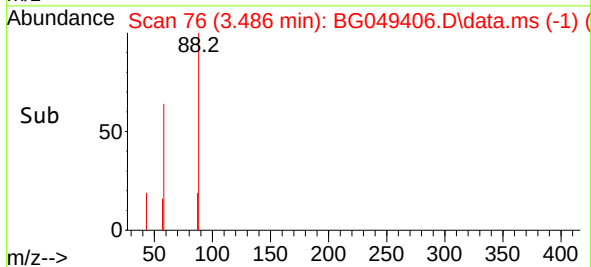
Tgt Ion:152 Resp: 22579
Ion Ratio Lower Upper
152 100
150 158.2 119.4 179.0
115 58.8 60.2 90.4#



#2
1,4-Dioxane
Concen: 5.60 ng
RT: 3.486 min Scan# 76
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



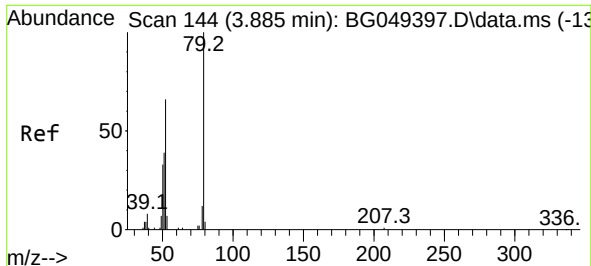
Tgt Ion: 88 Resp: 3377
Ion Ratio Lower Upper
88 100
58 48.9 55.7 83.5#
43 20.6 29.3 43.9#



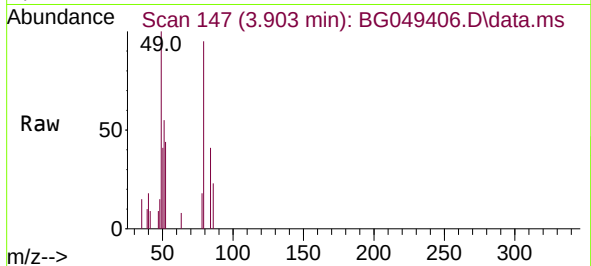
Instrument :
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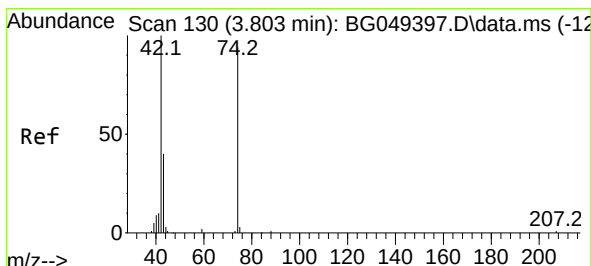
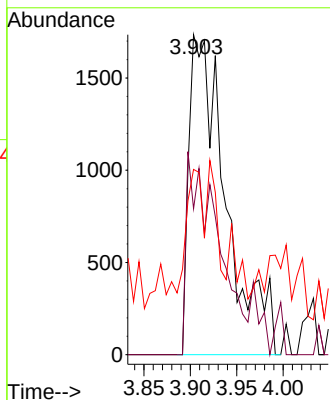
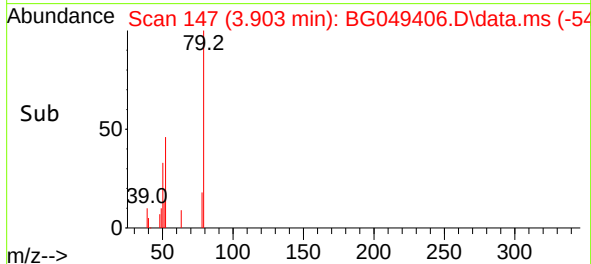
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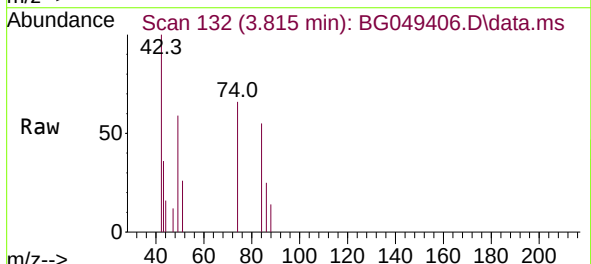
#3
Pyridine
Concen: 3.12 ng m
RT: 3.903 min Scan# 147
Delta R.T. 0.018 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



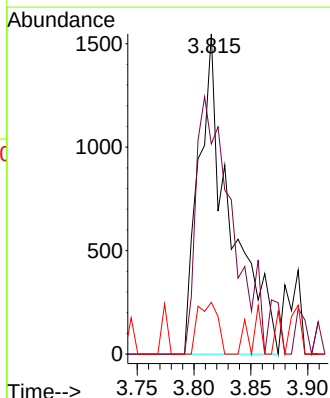
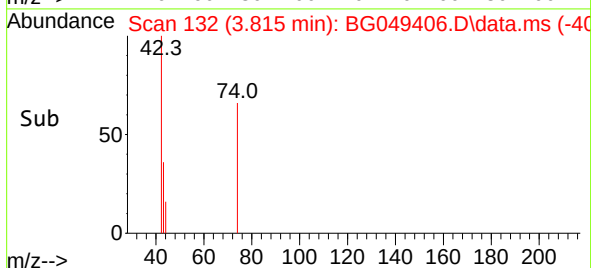
Tgt Ion: 79 Resp: 4793
Ion Ratio Lower Upper
79 100
52 45.6 58.4 87.6#
51 57.9 37.0 55.6#



#4
n-Nitrosodimethylamine
Concen: 3.97 ng
RT: 3.815 min Scan# 132
Delta R.T. 0.013 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



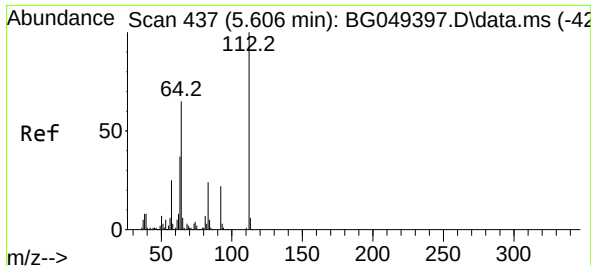
Tgt Ion: 42 Resp: 2993
Ion Ratio Lower Upper
42 100
74 65.6 64.0 96.0
44 16.2 2.7 4.1#



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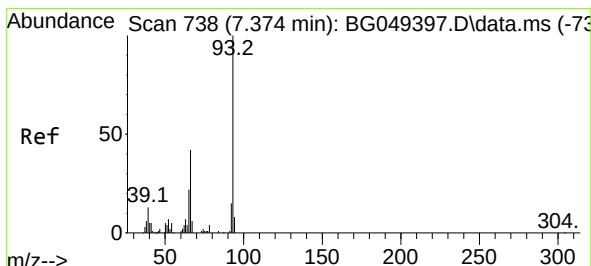
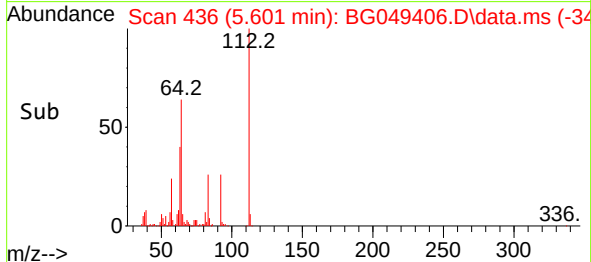
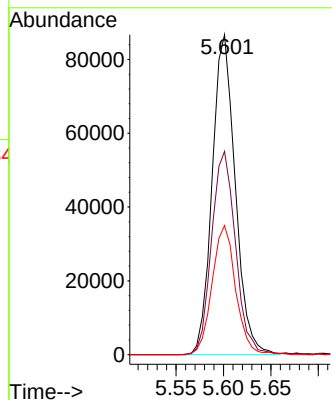
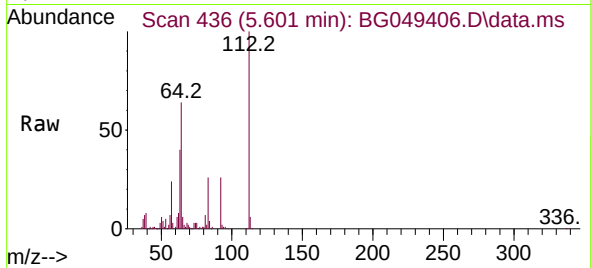
#5
2-Fluorophenol
Concen: 110.18 ng
RT: 5.601 min Scan# 436
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 112 Resp: 146631
Ion Ratio Lower Upper
112 100
64 63.5 46.7 70.1
63 40.3 35.3 52.9

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

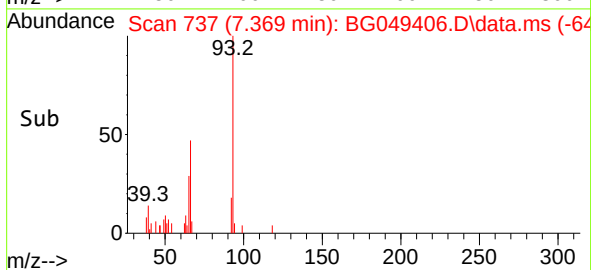
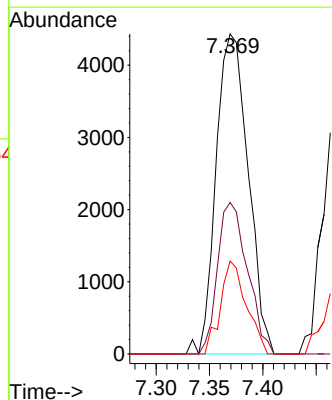
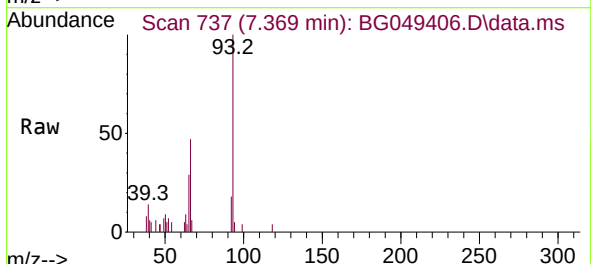
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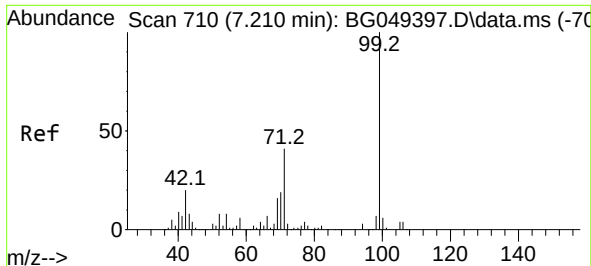
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#6
Aniline
Concen: 4.42 ng
RT: 7.369 min Scan# 737
Delta R.T. -0.005 min
Lab File: BG049406.D
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Tgt Ion: 93 Resp: 9270
Ion Ratio Lower Upper
93 100
66 47.3 30.6 45.8#
65 29.0 15.0 22.4#





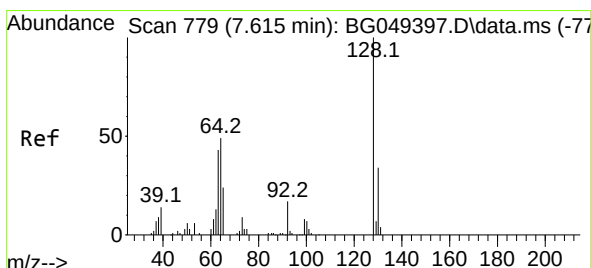
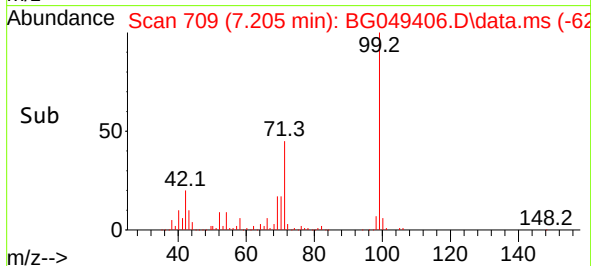
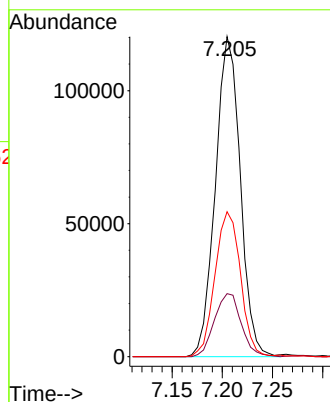
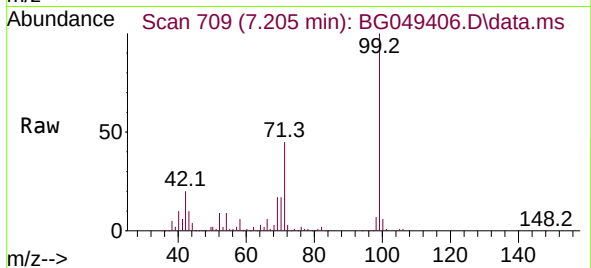
#7
Phenol-d6
Concen: 107.03 ng
RT: 7.205 min Scan# 709
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 99 Resp: 207449
Ion Ratio Lower Upper
99 100
42 19.7 20.5 30.7#
71 45.3 41.5 62.3

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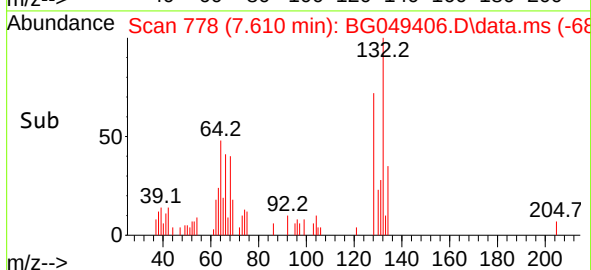
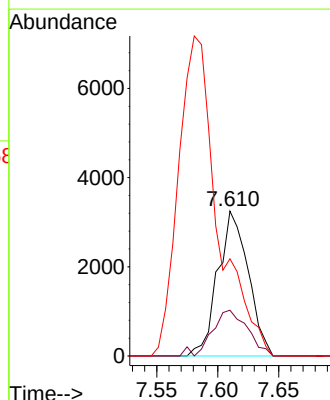
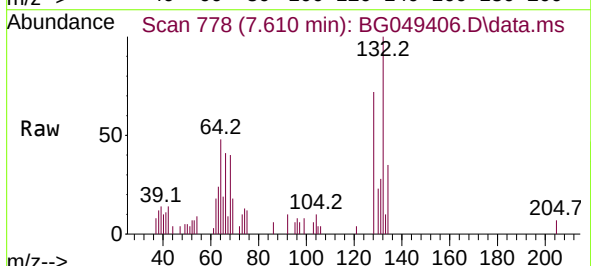
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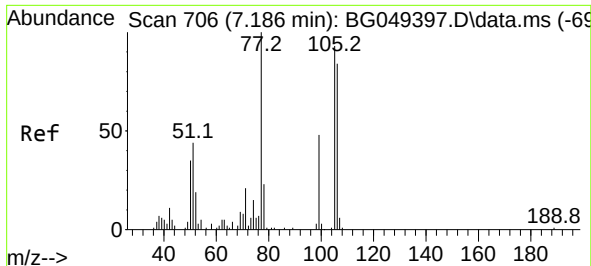
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#8
2-Chlorophenol
Concen: 4.12 ng
RT: 7.610 min Scan# 778
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

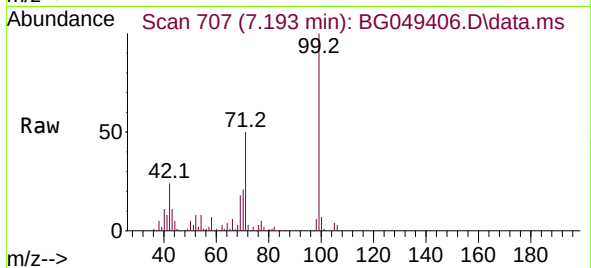
Tgt Ion: 128 Resp: 5624
Ion Ratio Lower Upper
128 100
130 31.5 10.0 50.0
64 67.1 28.1 68.1





#9
Benzaldehyde
Concen: 4.90 ng
RT: 7.193 min Scan# 707
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

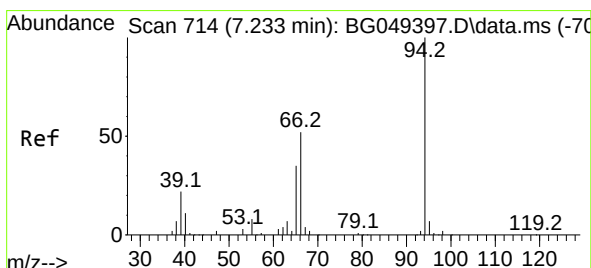
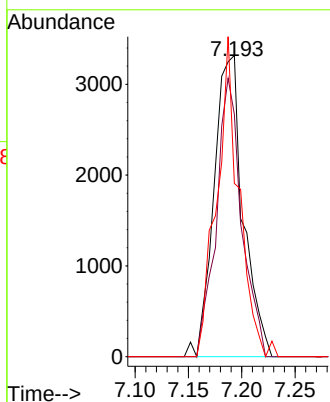
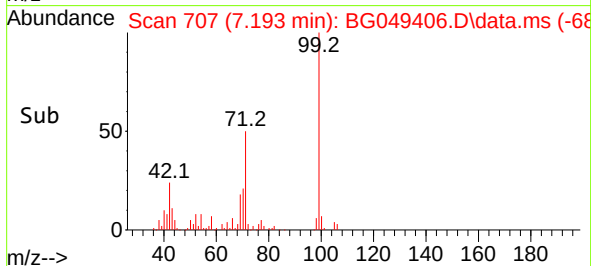
Instrument :
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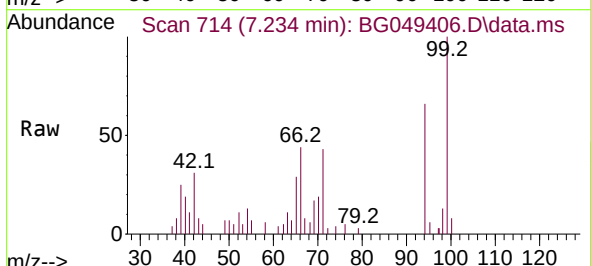
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Ion Ratio Lower Upper
77 100
105 80.5 68.8 108.8
106 57.5 47.9 87.9

Manual Integrations
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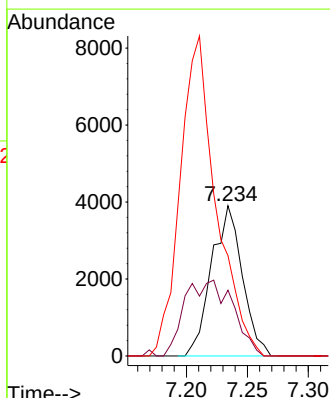
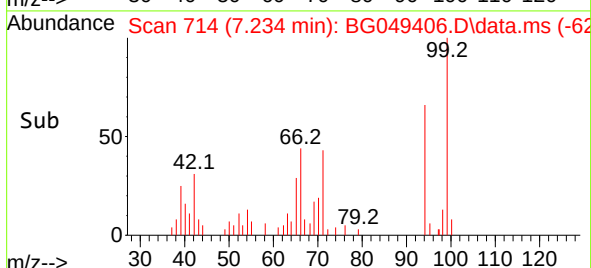
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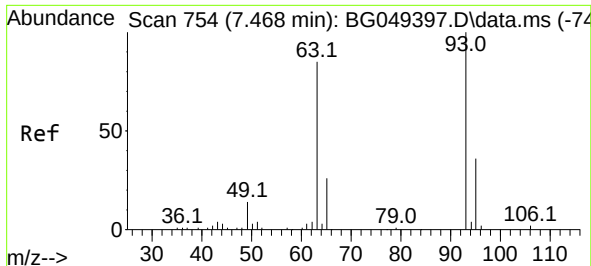


#10
Phenol
Concen: 3.72 ng
RT: 7.234 min Scan# 714
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



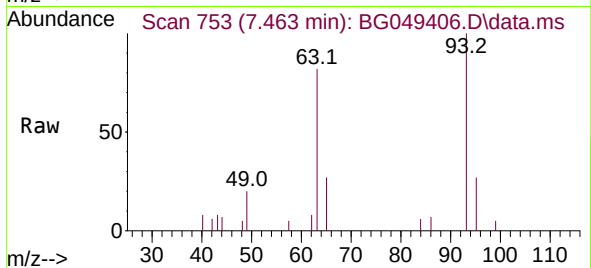
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Ion Ratio Lower Upper
94 100
65 43.8 12.9 52.9
66 66.8 39.4 79.4





#11
bis(2-Chloroethyl)ether
Concen: 4.28 ng
RT: 7.463 min Scan# 753
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

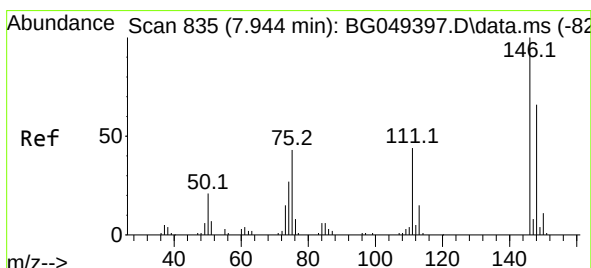
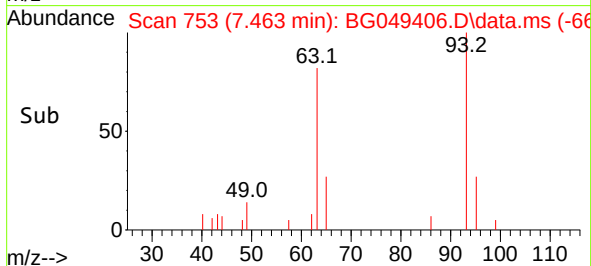
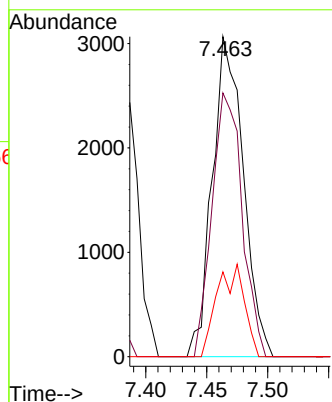
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.4	50.4	90.4
95	26.5	15.3	55.3

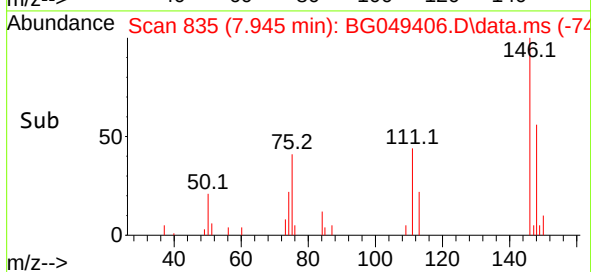
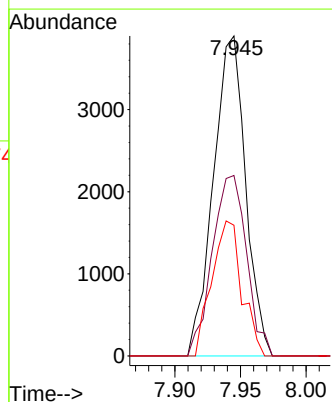
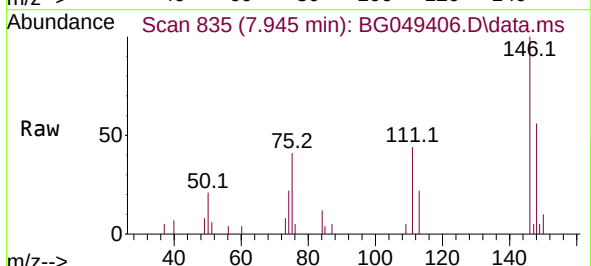
Manual Integrations
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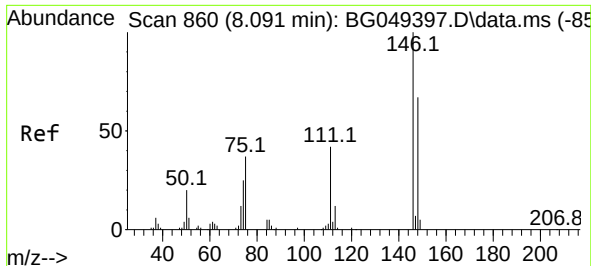
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#12
1,3-Dichlorobenzene
Concen: 4.12 ng
RT: 7.945 min Scan# 835
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	56.4	52.6	78.8
75	40.8	35.7	53.5





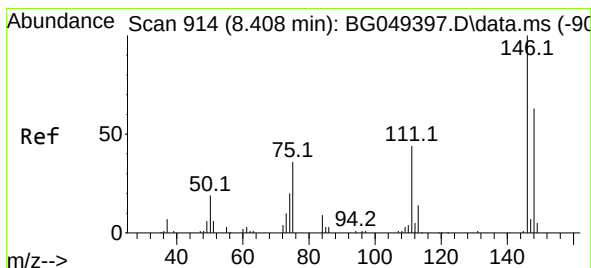
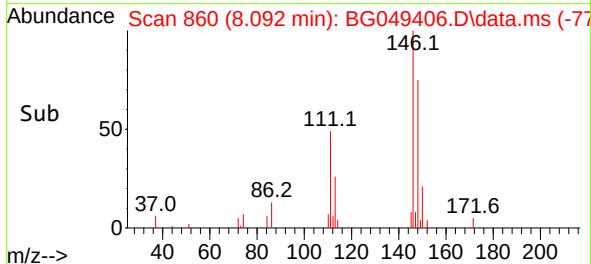
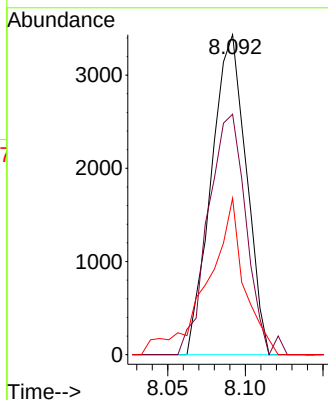
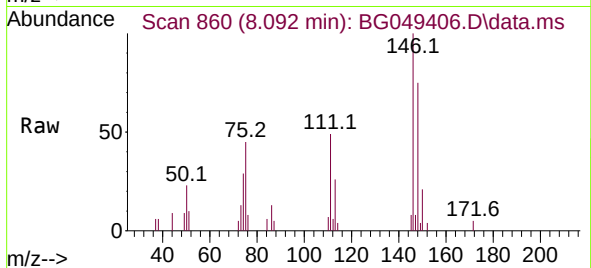
#13
1,4-Dichlorobenzene
Concen: 3.34 ng
RT: 8.092 min Scan# 860
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:146 Resp: 5362
Ion Ratio Lower Upper
146 100
148 75.2 54.0 81.0
111 48.9 34.3 51.5

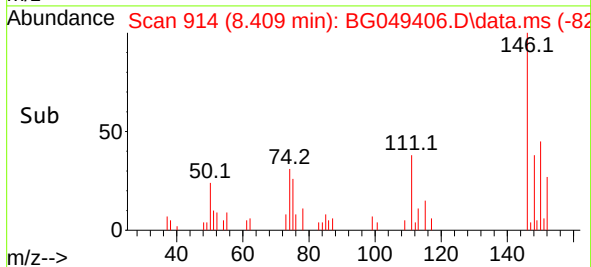
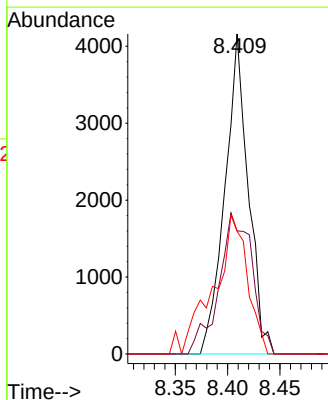
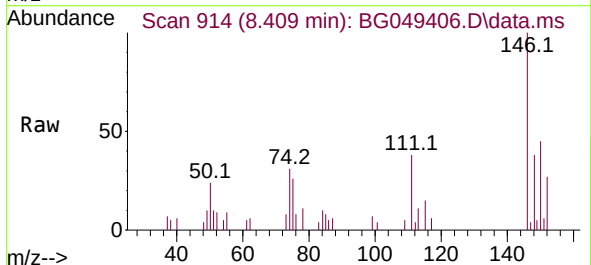
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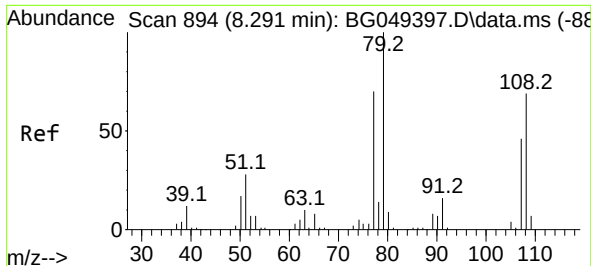
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#14
1,2-Dichlorobenzene
Concen: 4.16 ng m
RT: 8.409 min Scan# 914
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:146 Resp: 6457
Ion Ratio Lower Upper
146 100
148 38.5 47.5 71.3#
111 38.3 39.1 58.7#





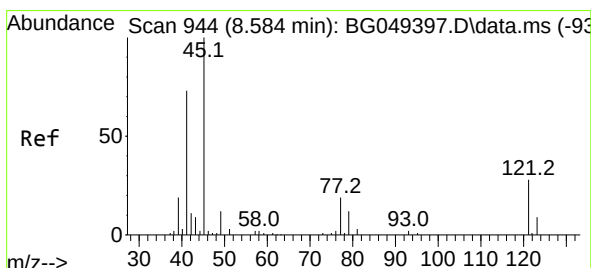
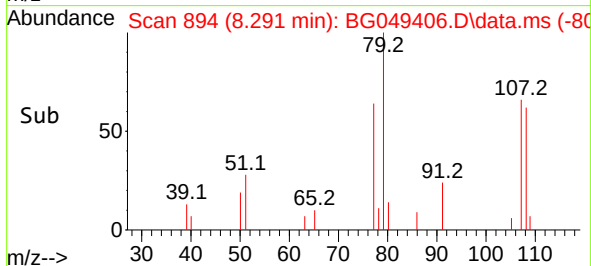
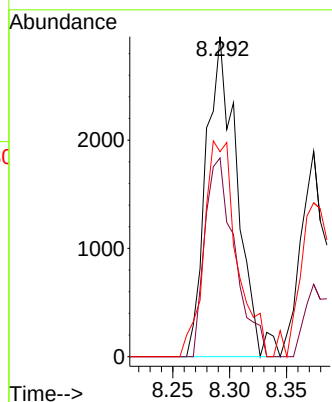
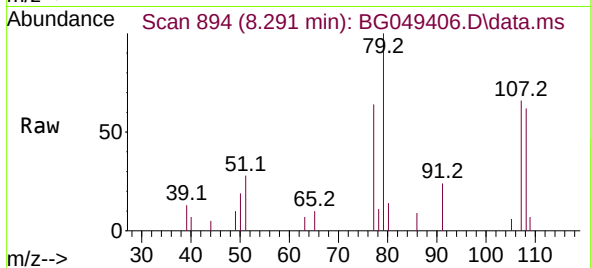
#15
Benzyl Alcohol
Concen: 3.51 ng
RT: 8.291 min Scan# 894
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:	79	Resp:	5565
Ion Ratio	Lower	Upper	
79	100		
108	62.1	48.2	72.4
77	64.0	57.3	85.9

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

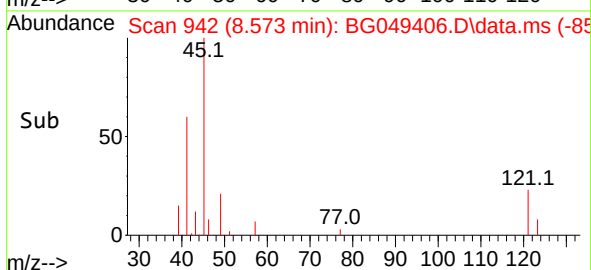
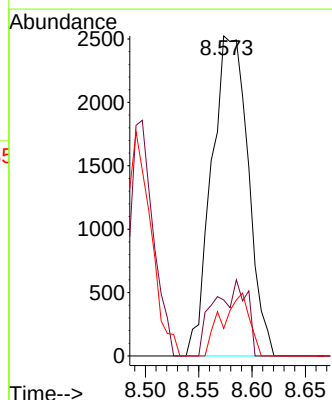
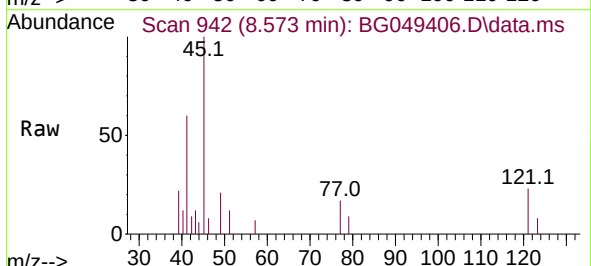
Manual Integrations
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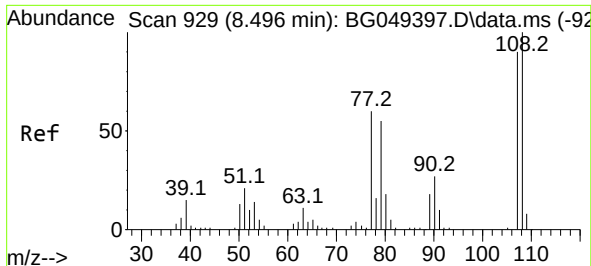
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.06 ng
RT: 8.573 min Scan# 942
Delta R.T. -0.011 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

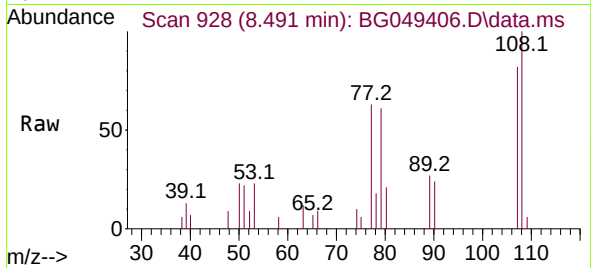
Tgt Ion:	45	Resp:	6004
Ion Ratio	Lower	Upper	
45	100		
77	17.5	2.2	42.2
79	8.6	0.0	34.3





#17
2-Methylphenol
Concen: 3.66 ng
RT: 8.491 min Scan# 928
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

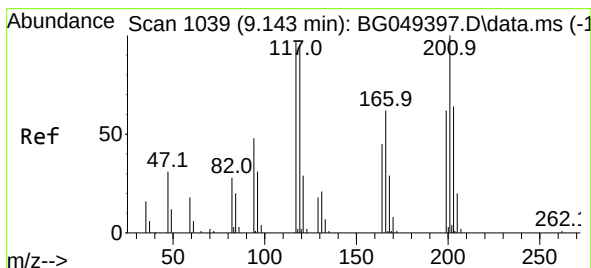
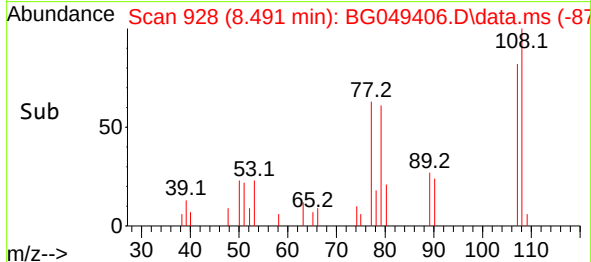
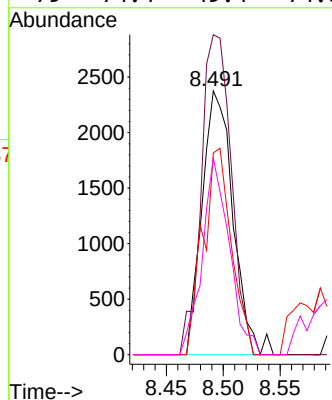
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:	107	Resp:	4501
Ion	Ratio	Lower	Upper
107	100		
108	121.2	84.6	127.0
77	76.5	50.7	76.1#
79	74.4	49.4	74.0#

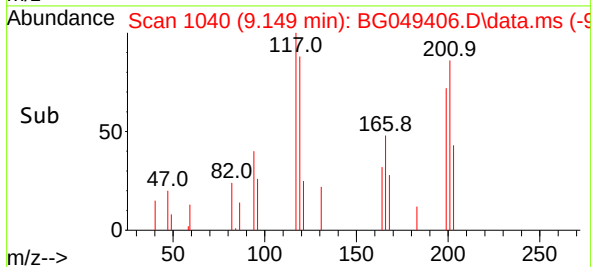
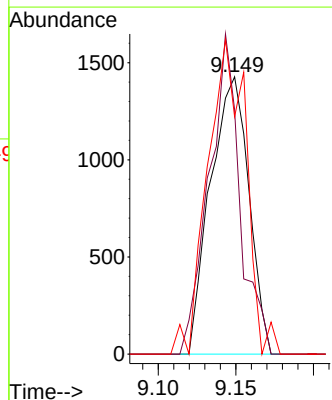
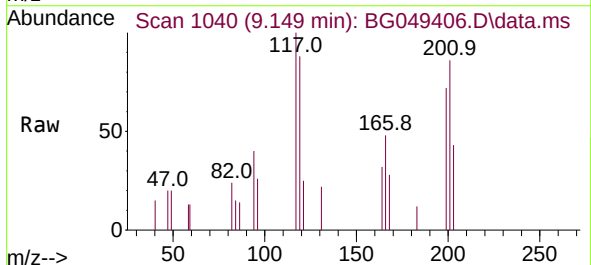
Manual Integrations
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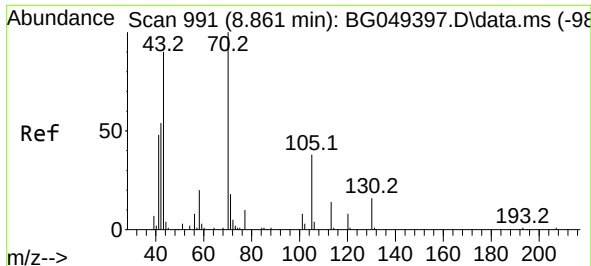
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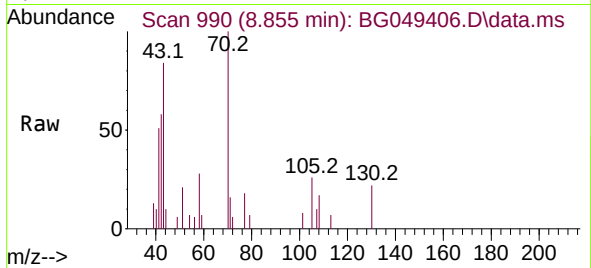
#18
Hexachloroethane
Concen: 3.92 ng
RT: 9.149 min Scan# 1040
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:	117	Resp:	2449
Ion	Ratio	Lower	Upper
117	100		
119	88.2	74.4	111.6
201	85.6	88.6	133.0#

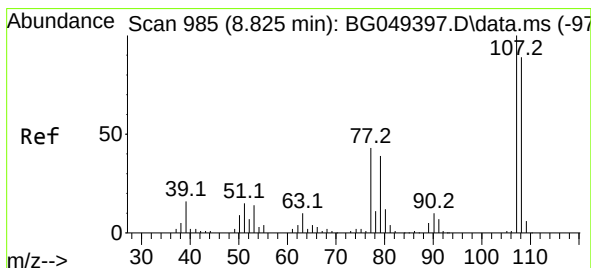
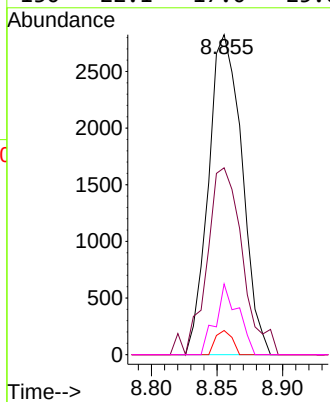
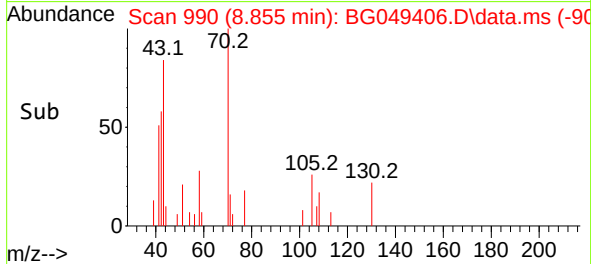




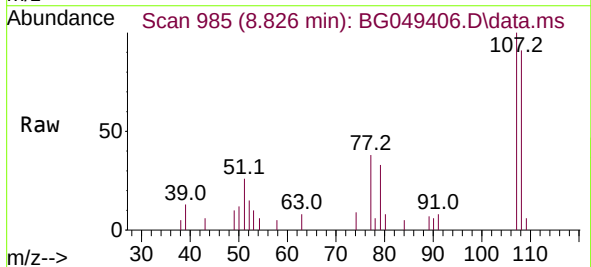
#19
n-Nitroso-di-n-propylamine
Concen: 3.94 ng
RT: 8.855 min Scan# 990
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



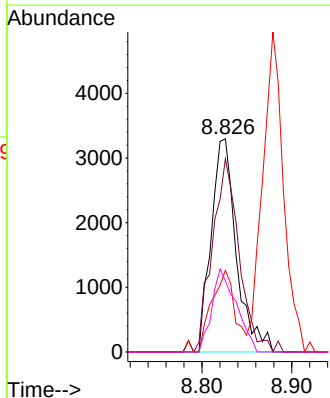
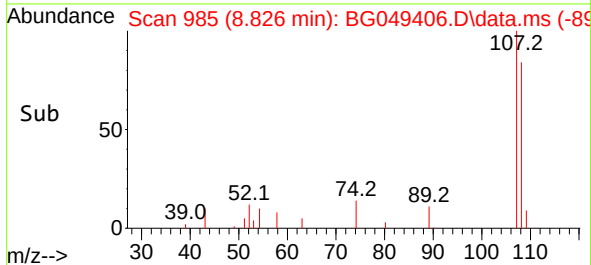
Tgt Ion: 70 Resp: 5019
Ion Ratio Lower Upper
70 100
42 58.4 54.5 81.7
101 7.5 9.0 13.6#
130 22.1 17.0 25.6



#20
3+4-Methylphenols
Concen: 3.84 ng
RT: 8.826 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



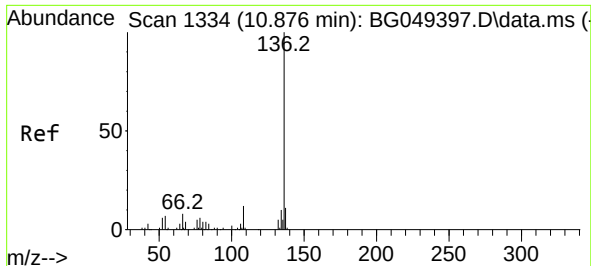
Tgt Ion: 107 Resp: 6476
Ion Ratio Lower Upper
107 100
108 90.6 69.3 109.3
77 38.3 25.2 65.2
79 33.3 15.1 55.1



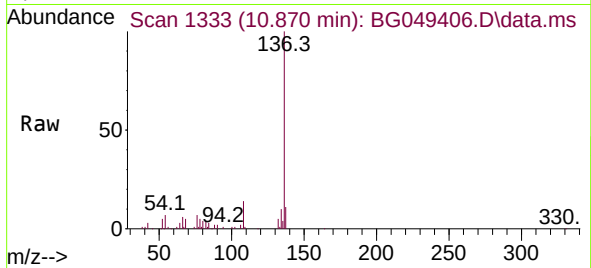
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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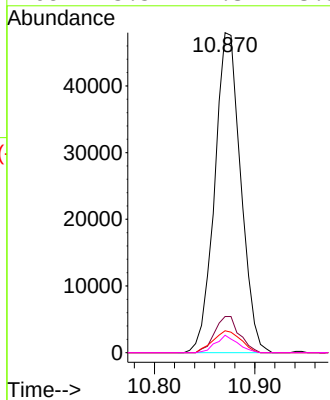
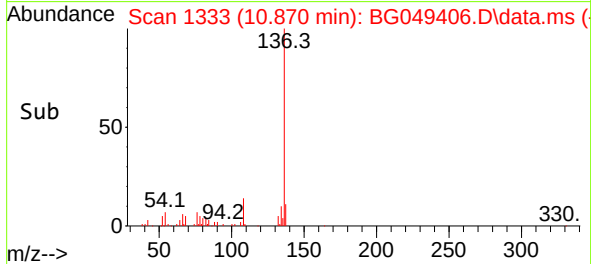
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.870 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



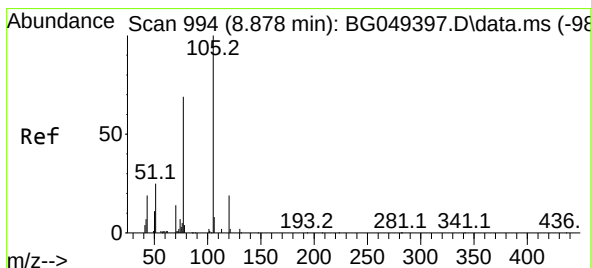
Tgt Ion:	136	Resp:	86436
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	6.9	5.5	8.3
68	5.5	2.3	3.5#



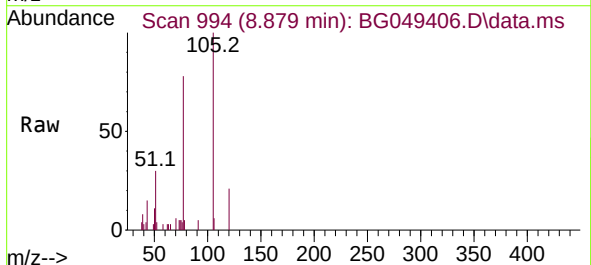
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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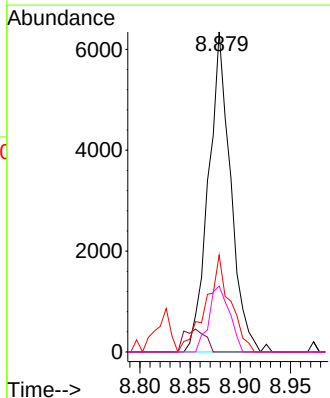
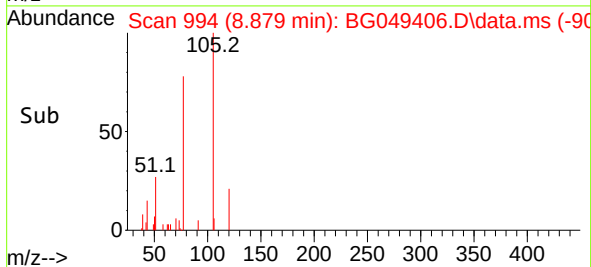
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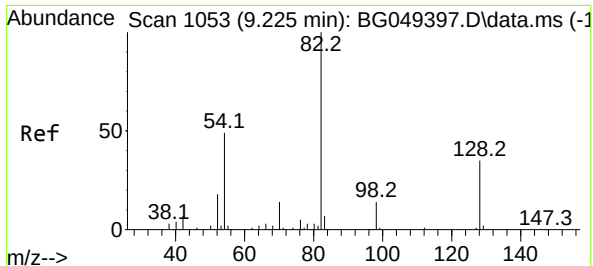


#22
Acetophenone
Concen: 4.22 ng
RT: 8.879 min Scan# 994
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



Tgt Ion:	105	Resp:	9763
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.6	0.8#
51	30.3	26.6	40.0
120	20.5	16.2	24.4





#23

Nitrobenzene-d5

Concen: 63.01 ng

RT: 9.220 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BG049406.D

Acq: 22 Jul 2021 9:42

Tgt Ion:	82	Resp:	121562
Ion Ratio	Lower	Upper	
82	100		
128	37.5	29.8	44.6
54	54.6	45.8	68.8

Instrument :

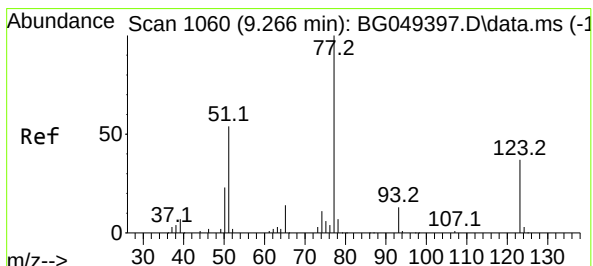
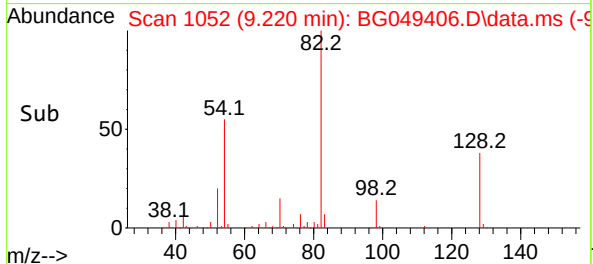
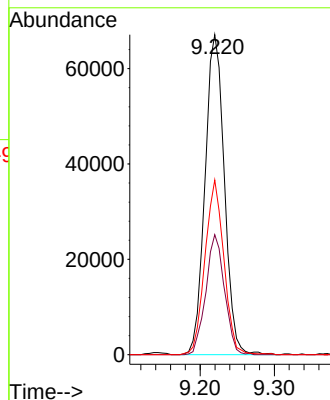
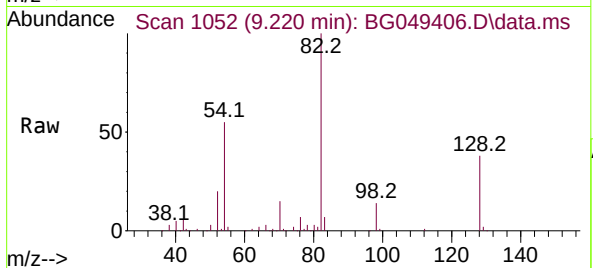
BNA_G

ClientSampleId :

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#24

Nitrobenzene

Concen: 4.06 ng

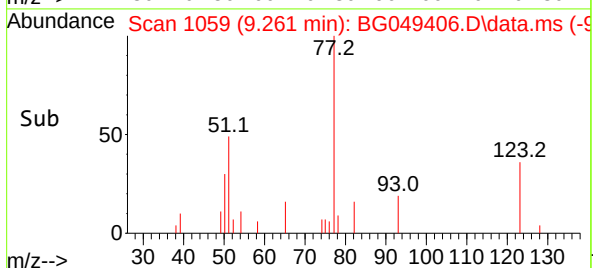
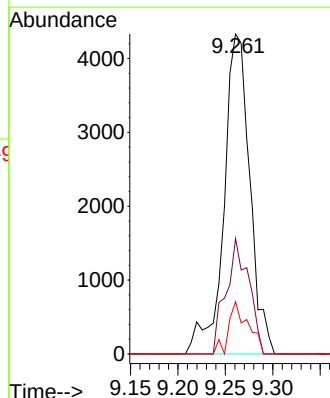
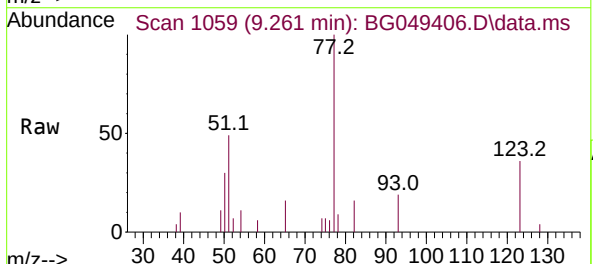
RT: 9.261 min Scan# 1059

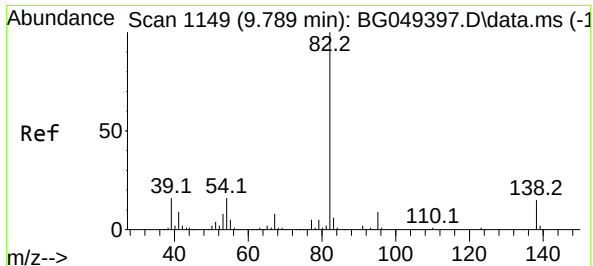
Delta R.T. -0.005 min

Lab File: BG049406.D

Acq: 22 Jul 2021 9:42

Tgt Ion:	77	Resp:	8217
Ion Ratio	Lower	Upper	
77	100		
123	36.0	27.5	41.3
65	16.3	12.6	18.8





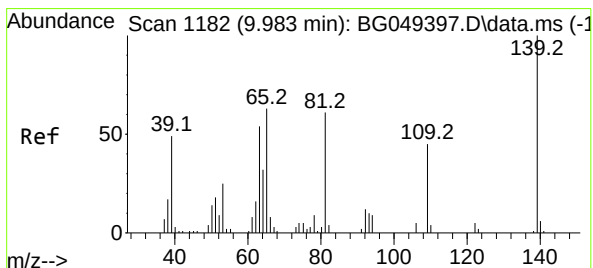
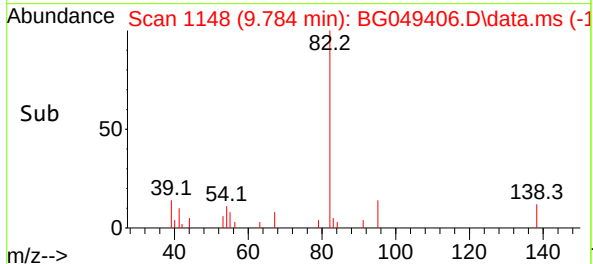
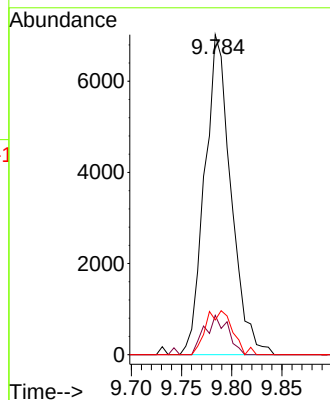
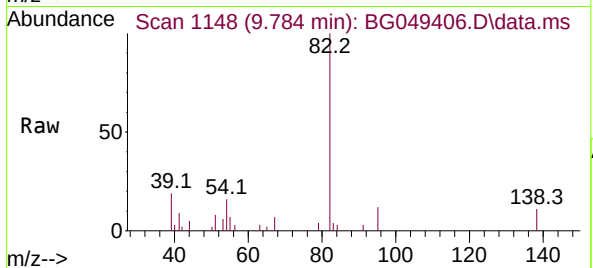
#25
Isophorone
Concen: 3.75 ng
RT: 9.784 min Scan# 1148
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 82	Resp: 12812
Ion Ratio	Lower Upper
82 100	
95 12.3	8.5 12.7
138 10.8	11.8 17.6#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

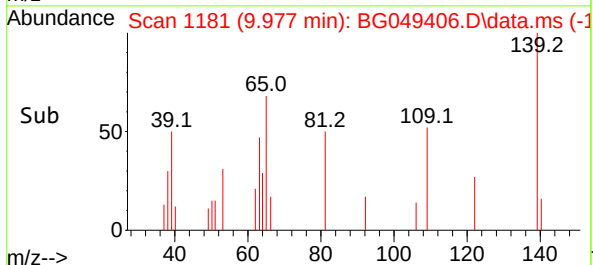
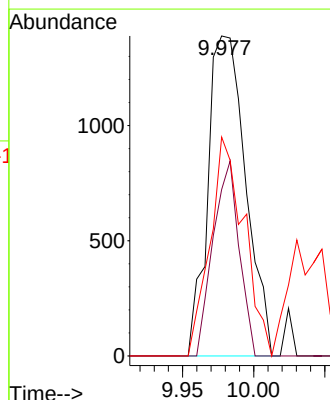
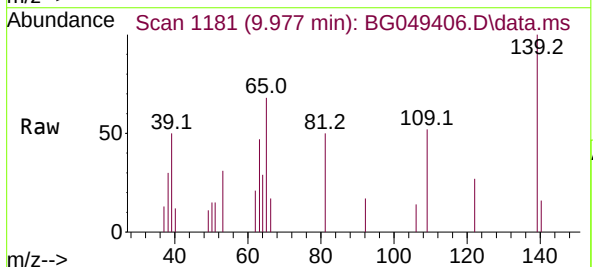
Manual Integrations
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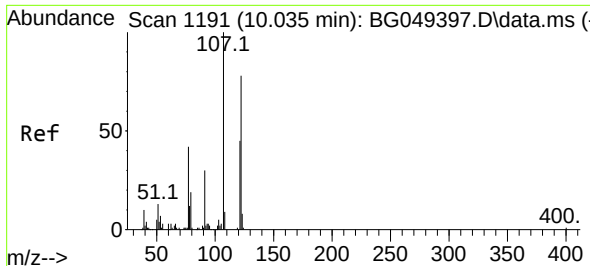
mohammad
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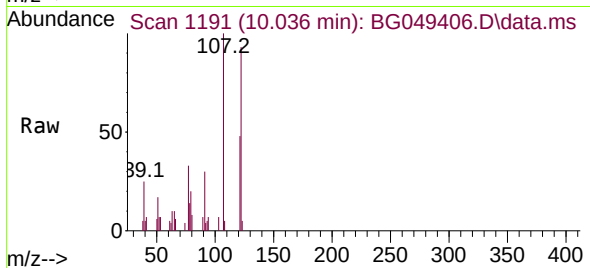
#26
2-Nitrophenol
Concen: 3.50 ng
RT: 9.977 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 139	Resp: 2577
Ion Ratio	Lower Upper
139 100	
109 52.0	37.8 56.6
65 68.4	51.8 77.8

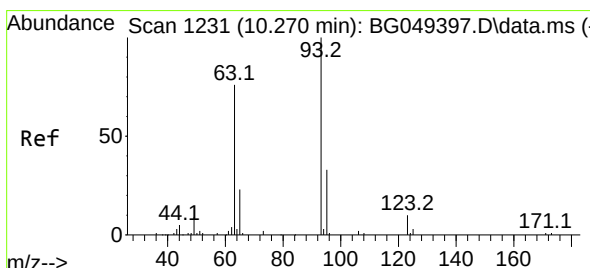
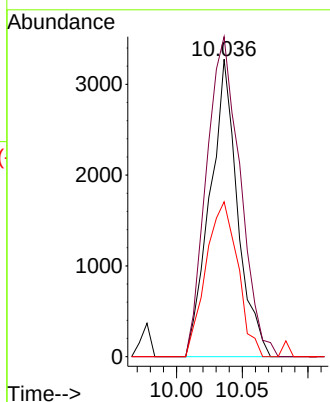
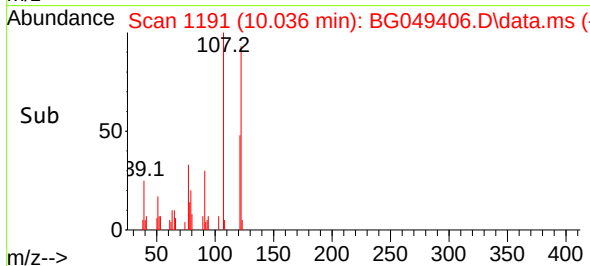




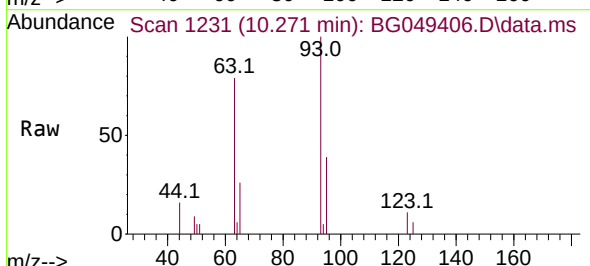
#27
2,4-Dimethylphenol
Concen: 4.08 ng
RT: 10.036 min Scan# 1191
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



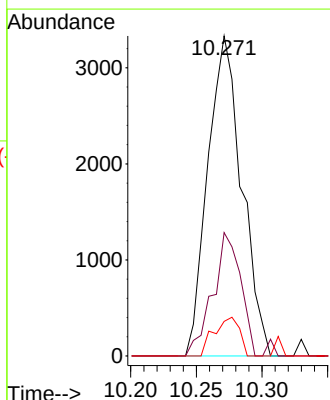
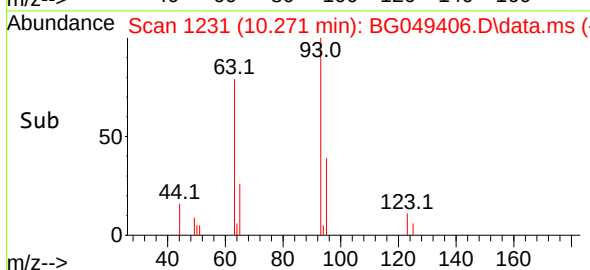
Tgt Ion:122 Resp: 4797
Ion Ratio Lower Upper
122 100
107 107.6 110.1 165.1#
121 52.1 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 3.93 ng
RT: 10.271 min Scan# 1231
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



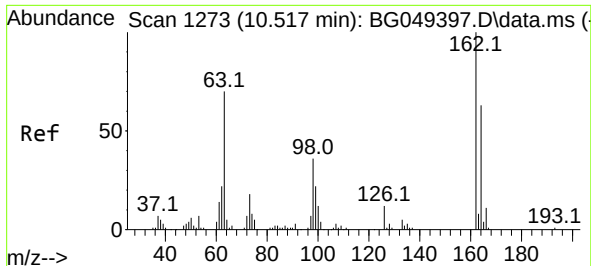
Tgt Ion: 93 Resp: 5994
Ion Ratio Lower Upper
93 100
95 38.6 22.2 33.4#
123 10.8 8.8 13.2



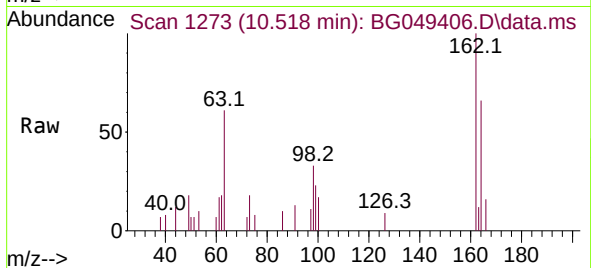
Instrument :
BNA_G
ClientSampleId :
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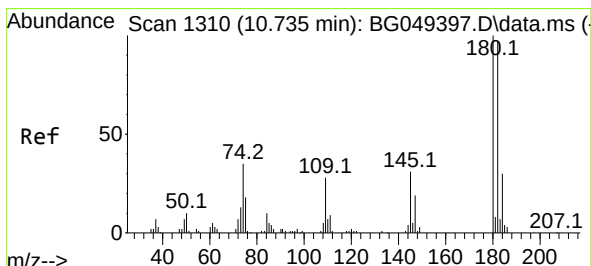
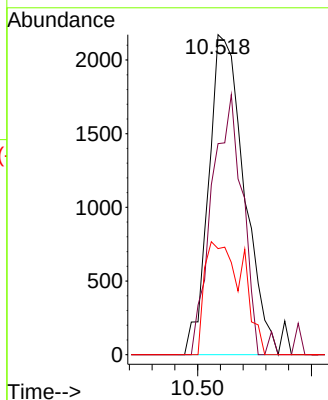
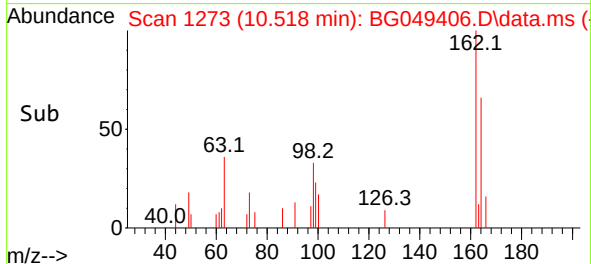
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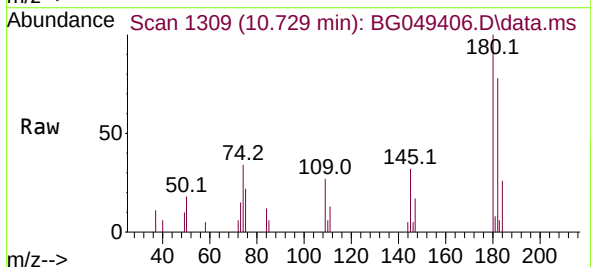
#29
2,4-Dichlorophenol
Concen: 3.45 ng
RT: 10.518 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



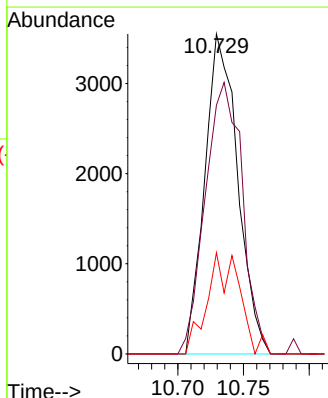
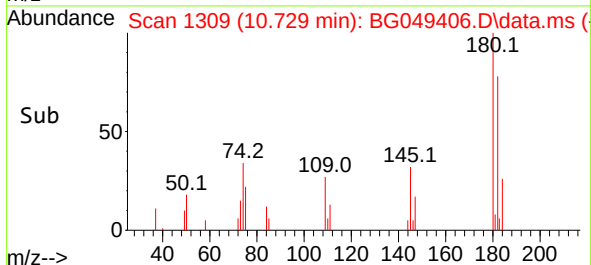
Tgt Ion:162 Resp: 4705
Ion Ratio Lower Upper
162 100
164 66.0 39.4 79.4
98 33.1 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 4.01 ng
RT: 10.729 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



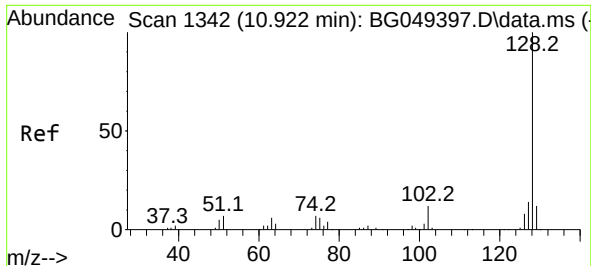
Tgt Ion:180 Resp: 6175
Ion Ratio Lower Upper
180 100
182 77.7 78.9 118.3#
145 31.7 26.2 39.4



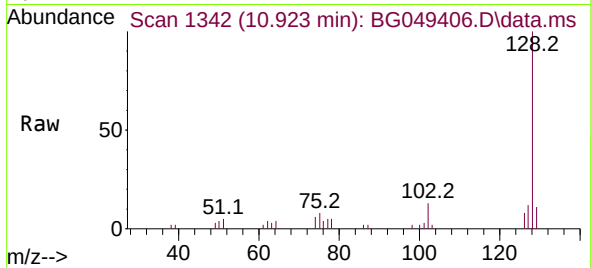
Instrument :
BNA_G
ClientSampleId :
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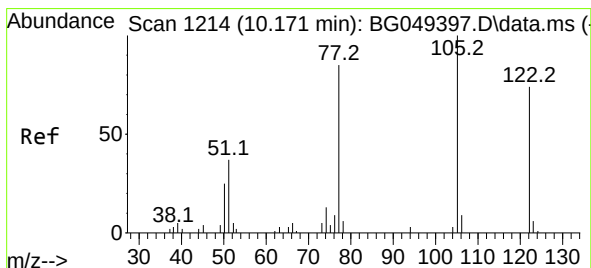
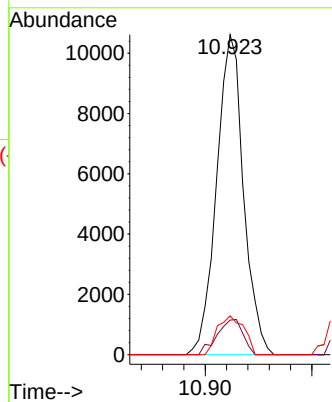
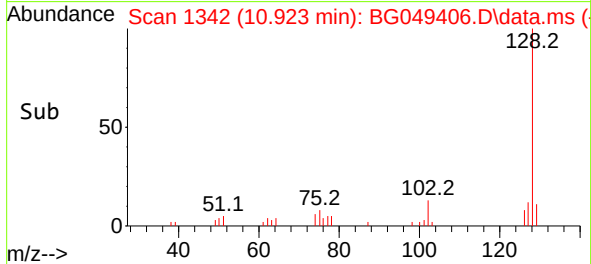
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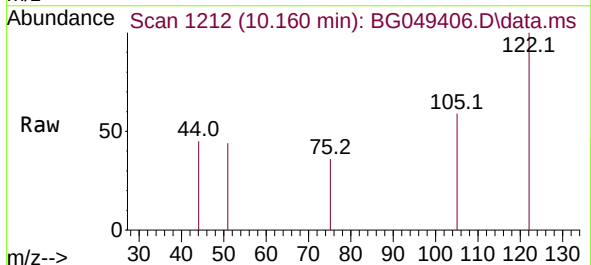
#31
Naphthalene
Concen: 4.07 ng
RT: 10.923 min Scan# 1342
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



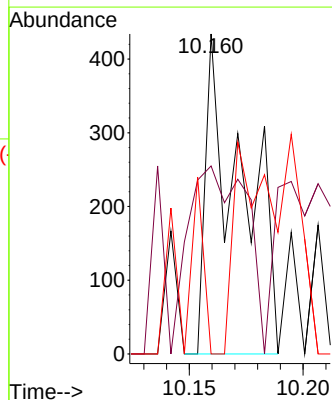
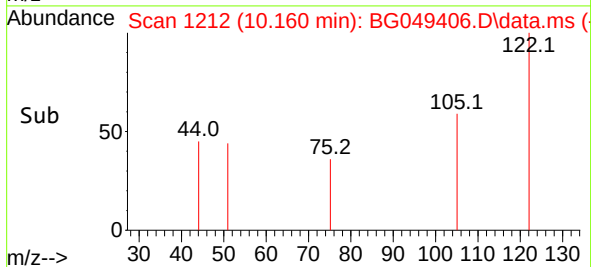
Tgt Ion:128 Resp: 18566
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.1 10.2 15.4



#32
Benzoic acid
Concen: 0.61 ng m
RT: 10.160 min Scan# 1212
Delta R.T. -0.011 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



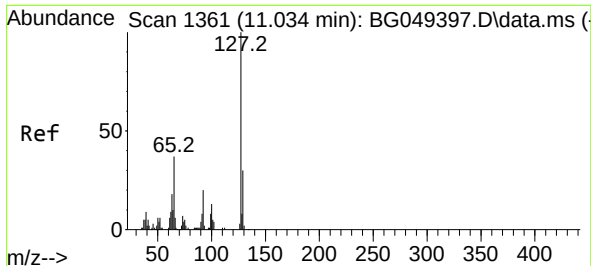
Tgt Ion:122 Resp: 474
Ion Ratio Lower Upper
122 100
105 58.8 92.3 132.3#
77 0.0 66.5 106.5#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

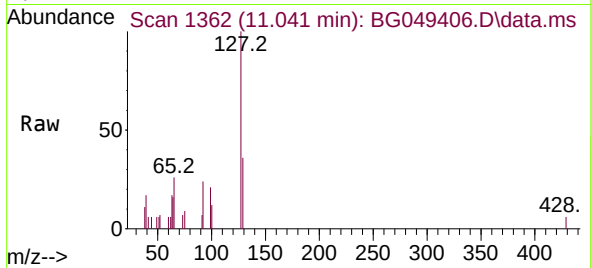
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#33
4-Chloroaniline
Concen: 3.89 ng
RT: 11.041 min Scan# 1362
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

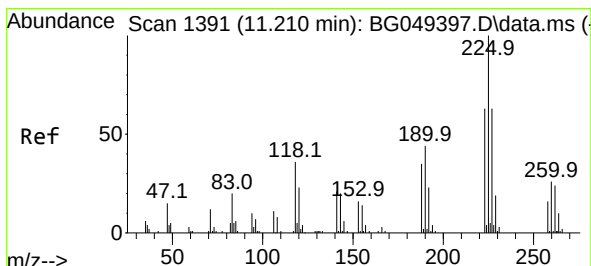
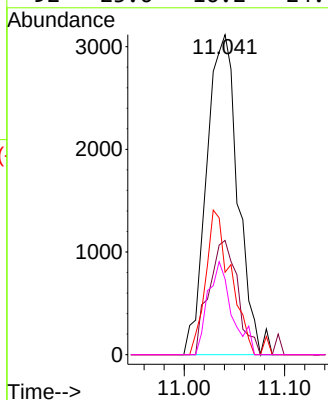
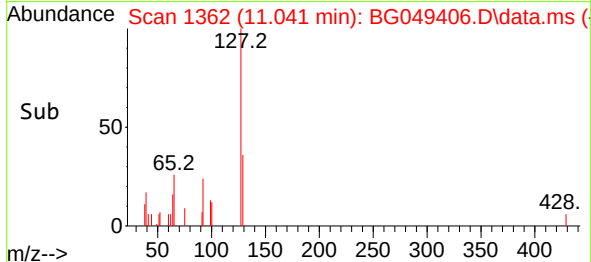
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



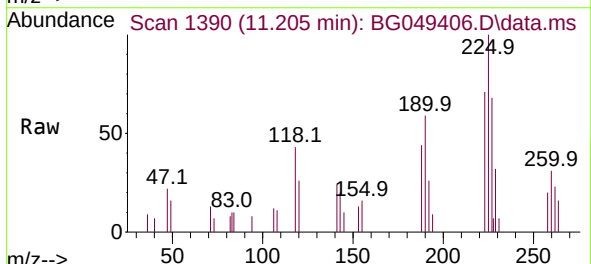
Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.7	26.7	40.1
65	25.7	32.8	49.2#
92	23.6	16.2	24.4

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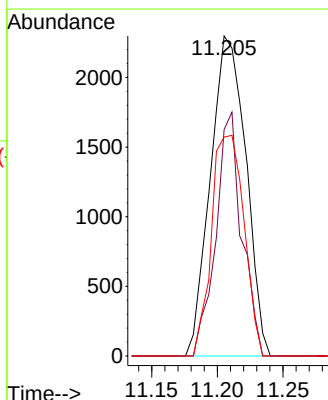
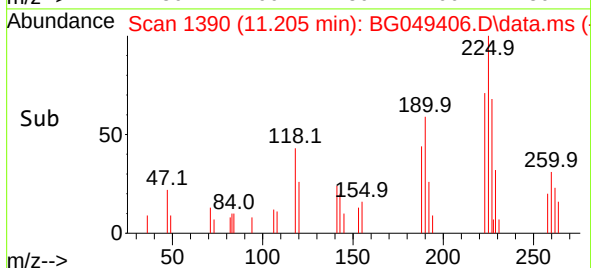
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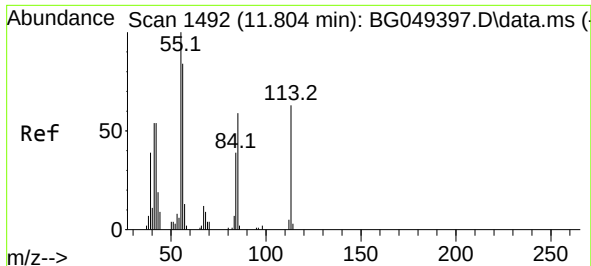


#34
Hexachlorobutadiene
Concen: 3.91 ng
RT: 11.205 min Scan# 1390
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

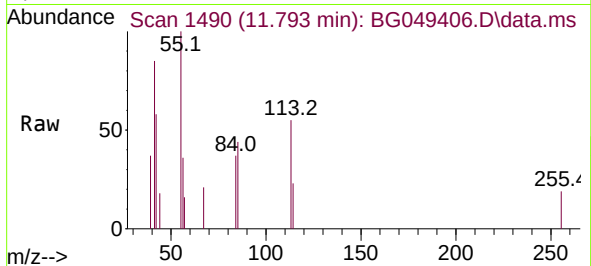


Tgt Ion	Ratio	Lower	Upper
225	100		
223	70.8	49.8	74.8
227	68.4	46.4	69.6

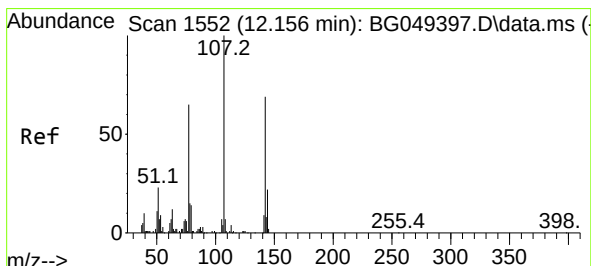
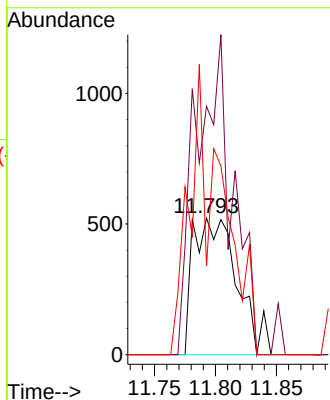
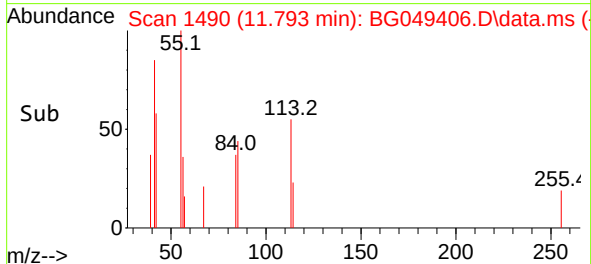




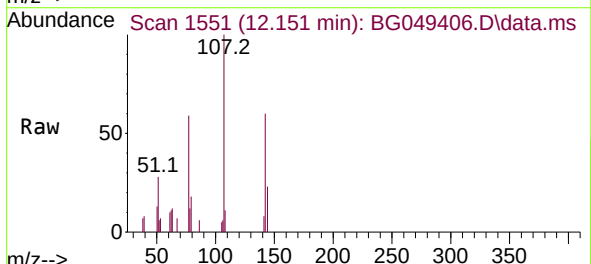
#35
Caprolactam
Concen: 3.10 ng
RT: 11.793 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



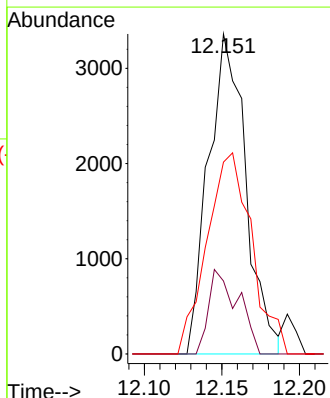
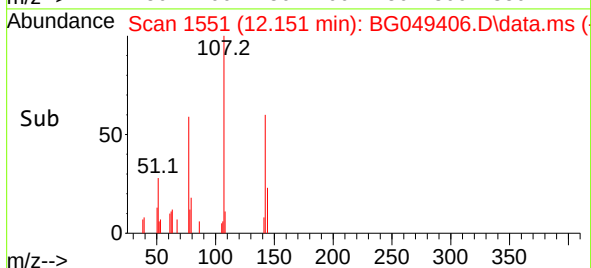
Tgt Ion:113 Resp: 1311
Ion Ratio Lower Upper
113 100
55 181.8 113.8 153.8#
56 64.8 105.6 145.6#



#36
4-Chloro-3-methylphenol
Concen: 3.50 ng
RT: 12.151 min Scan# 1551
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



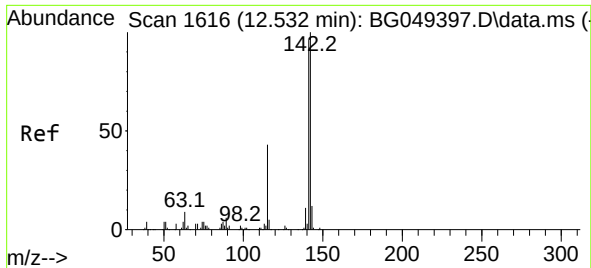
Tgt Ion:107 Resp: 5624
Ion Ratio Lower Upper
107 100
144 22.8 24.8 37.2#
142 60.0 62.2 93.4#



Instrument :
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ClientSampleId :
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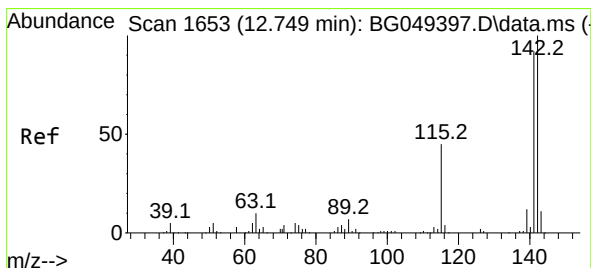
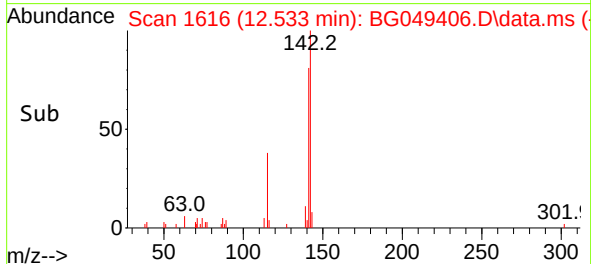
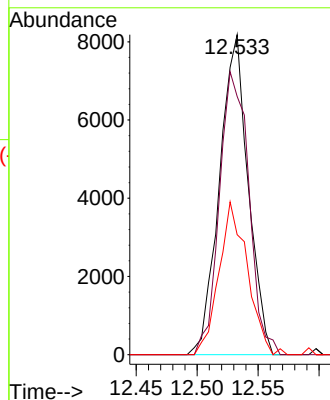
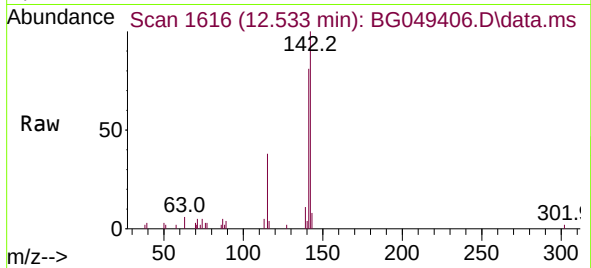
#37
2-Methylnaphthalene
Concen: 4.03 ng
RT: 12.533 min Scan# 1616
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:	142	Resp:	13408
Ion Ratio	Lower	Upper	
142	100		
141	80.7	68.8	103.2
115	37.5	36.4	54.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

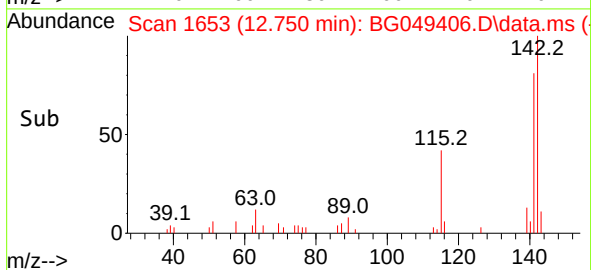
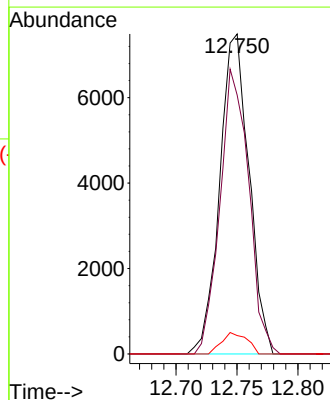
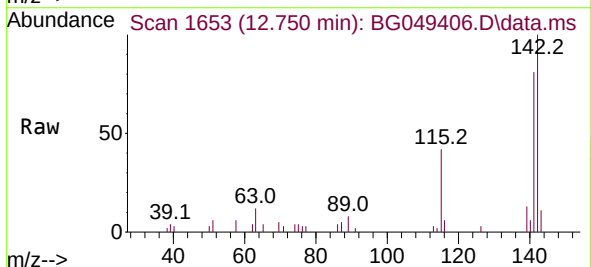
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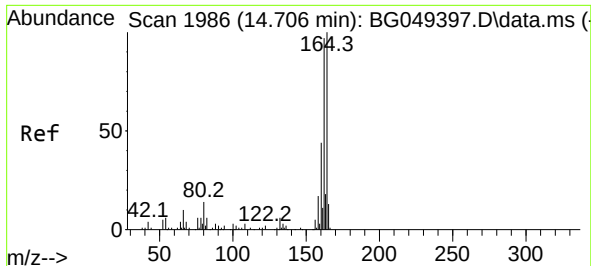
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#38
1-Methylnaphthalene
Concen: 3.94 ng
RT: 12.750 min Scan# 1653
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

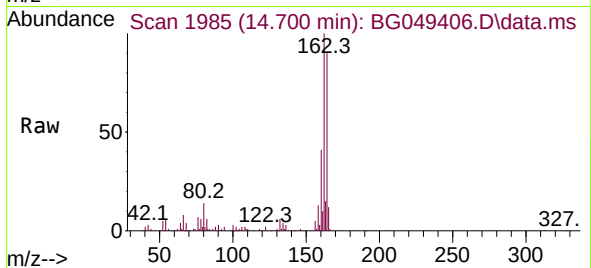
Tgt Ion:	142	Resp:	12538
Ion Ratio	Lower	Upper	
142	100		
141	80.9	70.6	106.0
116	5.7	4.0	6.0





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.700 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

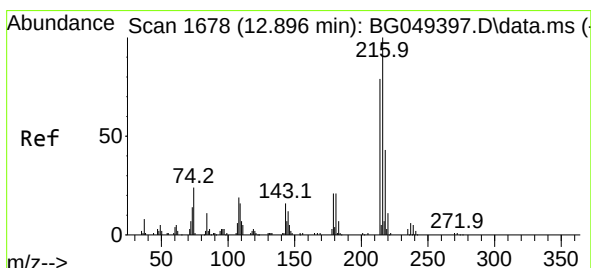
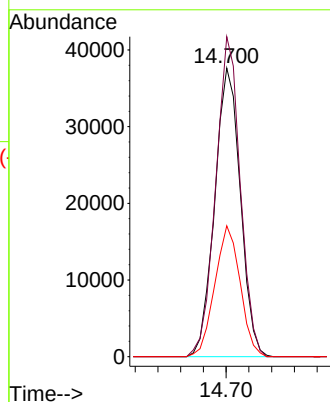
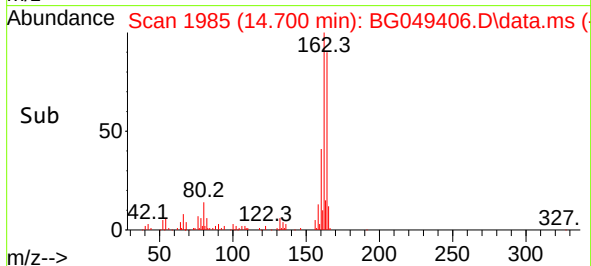
Instrument :
BNA_G
ClientSampleId :
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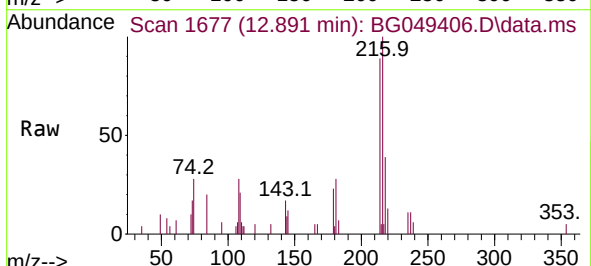
Tgt Ion:164 Resp: 58943
Ion Ratio Lower Upper
164 100
162 110.9 81.4 122.0
160 45.4 34.9 52.3

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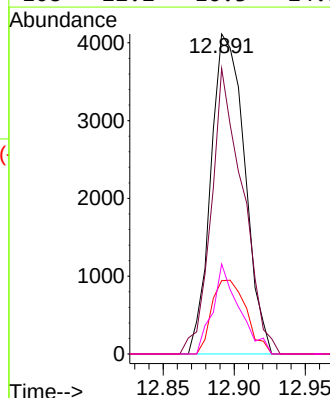
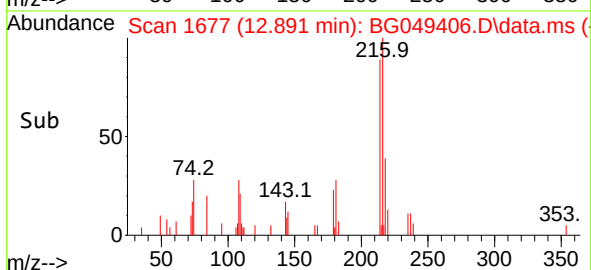
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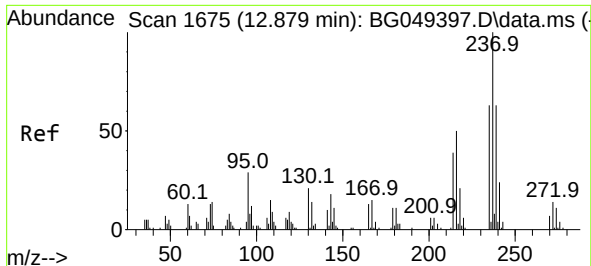


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.90 ng
RT: 12.891 min Scan# 1677
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



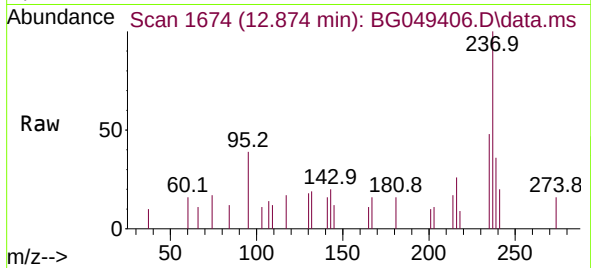
Tgt Ion:216 Resp: 6802
Ion Ratio Lower Upper
216 100
214 83.1 61.4 92.2
179 23.4 17.3 25.9
108 22.2 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 2.87 ng
RT: 12.874 min Scan# 1674
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

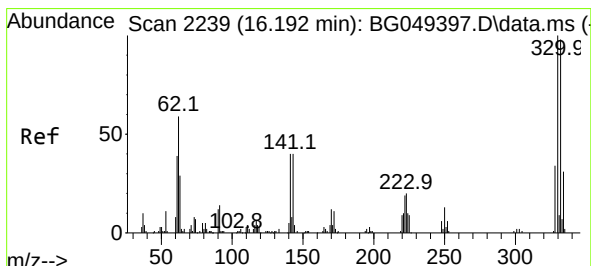
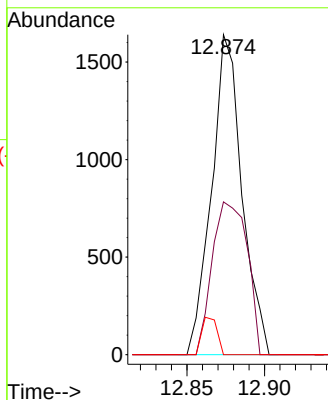
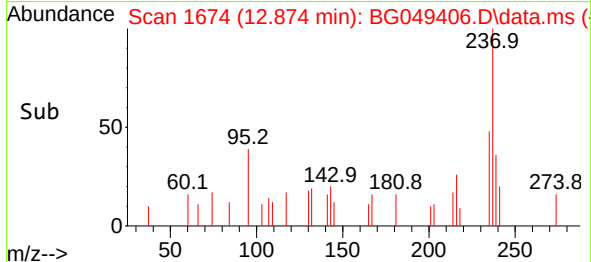
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



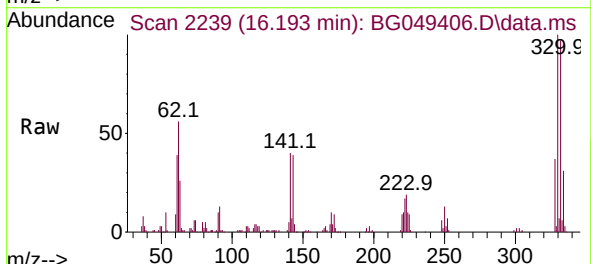
Tgt Ion: 237 Resp: 2232
Ion Ratio Lower Upper
237 100
235 47.7 36.6 76.6
272 0.0 0.0 32.5

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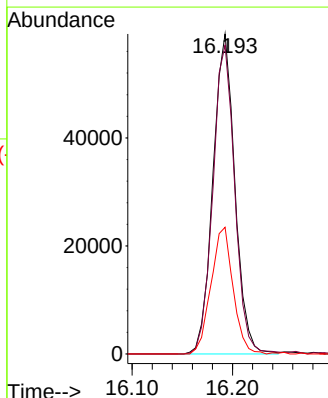
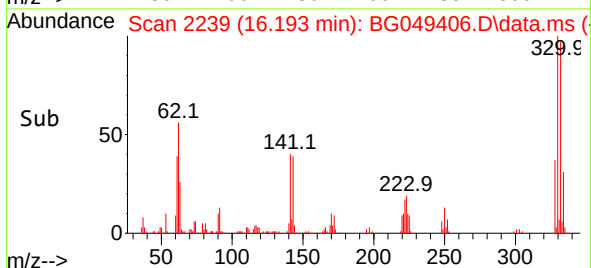
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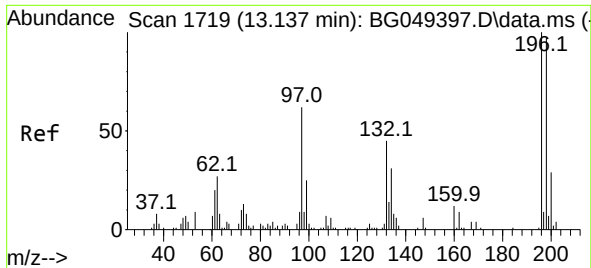


#42
2,4,6-Tribromophenol
Concen: 113.80 ng
RT: 16.193 min Scan# 2239
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



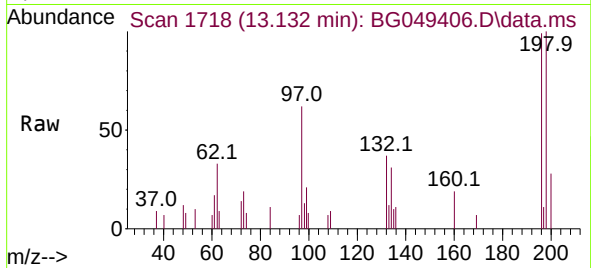
Tgt Ion: 330 Resp: 89831
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 39.8 35.6 53.4





#43
2,4,6-Trichlorophenol
Concen: 3.01 ng
RT: 13.132 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

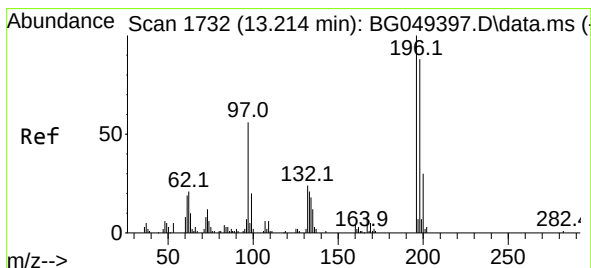
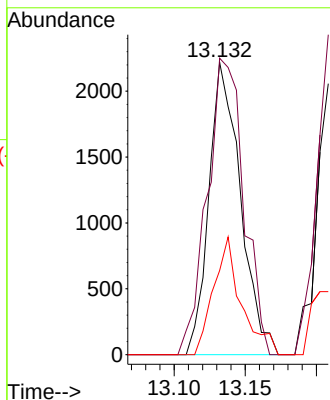
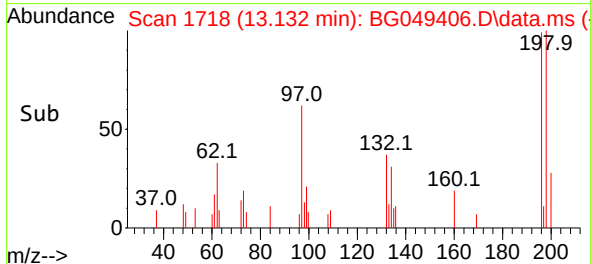
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



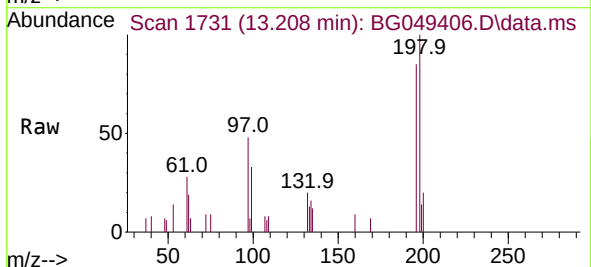
Tgt Ion:196 Resp: 3421
Ion Ratio Lower Upper
196 100
198 101.4 82.1 123.1
200 28.8 23.8 35.8

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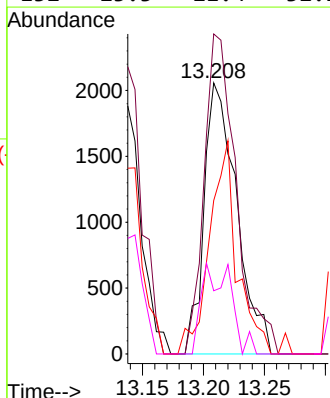
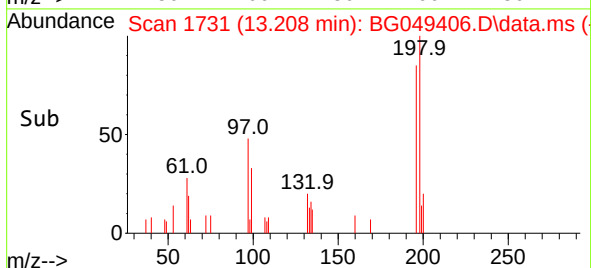
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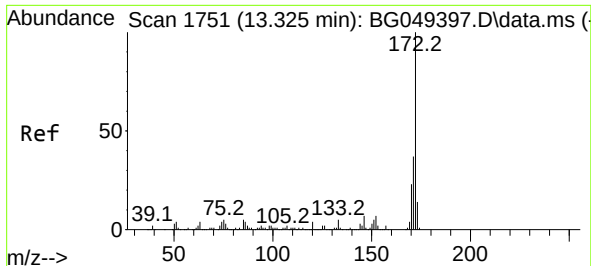


#44
2,4,5-Trichlorophenol
Concen: 3.12 ng
RT: 13.208 min Scan# 1731
Delta R.T. -0.005 min
Lab File: BG049406.D
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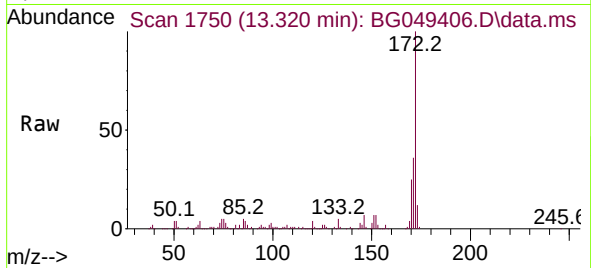


Tgt Ion:196 Resp: 3835
Ion Ratio Lower Upper
196 100
198 118.1 87.4 131.0
97 56.6 43.3 64.9
132 23.3 21.4 32.2

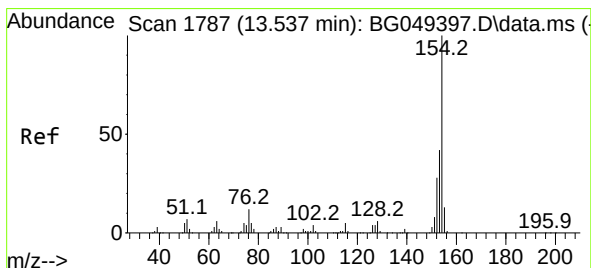
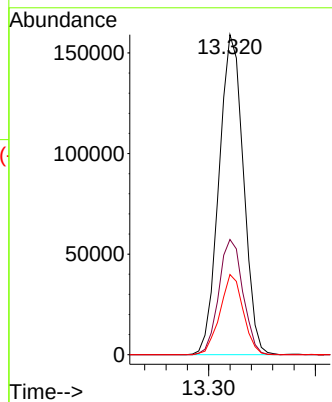
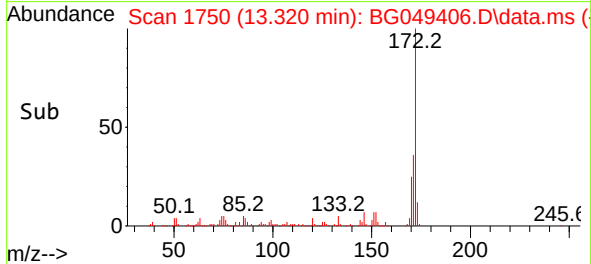




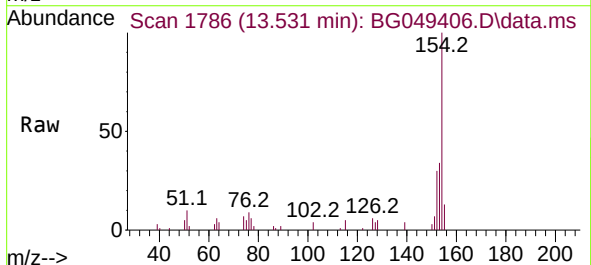
#45
2-Fluorobiphenyl
Concen: 61.84 ng
RT: 13.320 min Scan# 1750
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



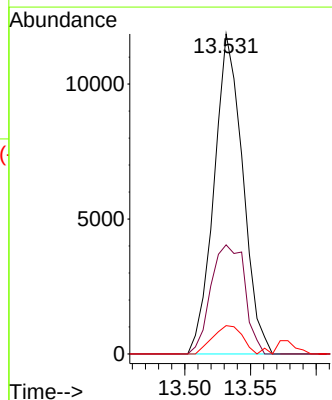
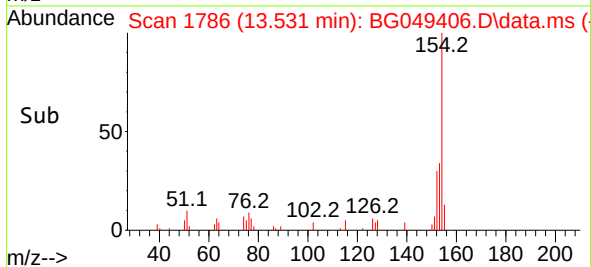
Tgt Ion:172 Resp: 253321
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 25.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 4.16 ng
RT: 13.531 min Scan# 1786
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



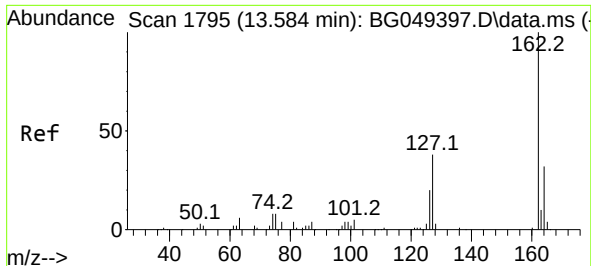
Tgt Ion:154 Resp: 17990
Ion Ratio Lower Upper
154 100
153 34.1 20.5 60.5
76 8.8 0.0 29.3



Instrument :
BNA_G
ClientSampleId :
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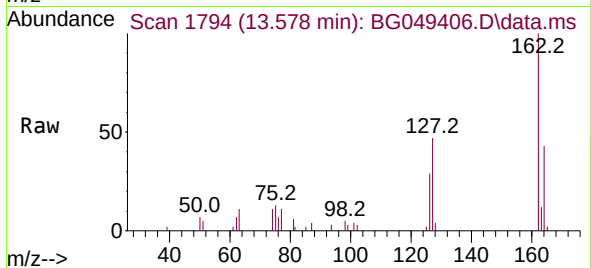
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#47
2-Chloronaphthalene
Concen: 3.76 ng
RT: 13.578 min Scan# 1794
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

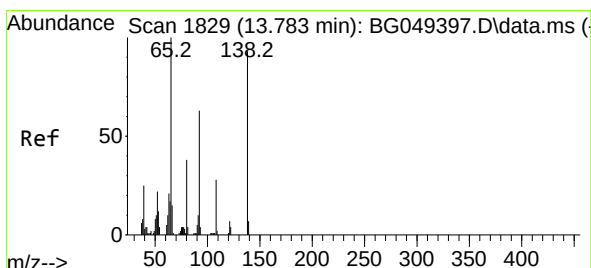
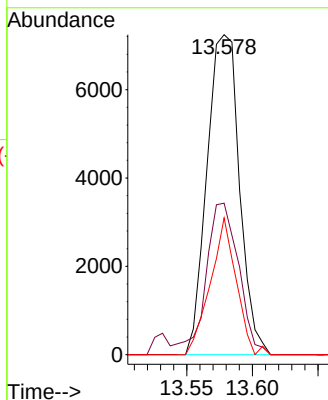
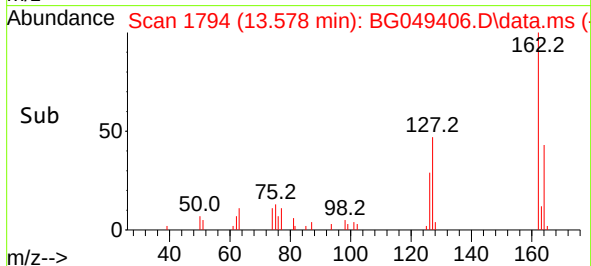
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



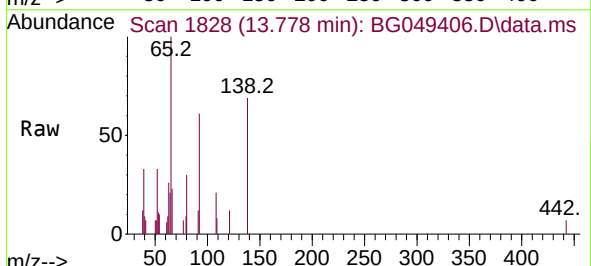
Tgt Ion:162 Resp: 12475
Ion Ratio Lower Upper
162 100
127 47.4 32.7 49.1
164 42.7 27.0 40.4#

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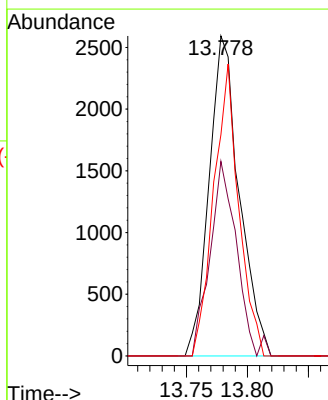
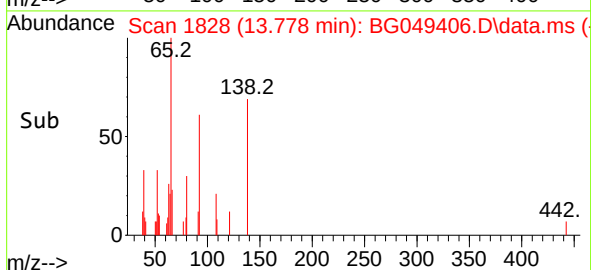
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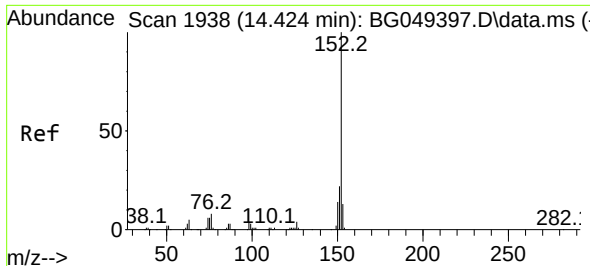


#48
2-Nitroaniline
Concen: 3.85 ng
RT: 13.778 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

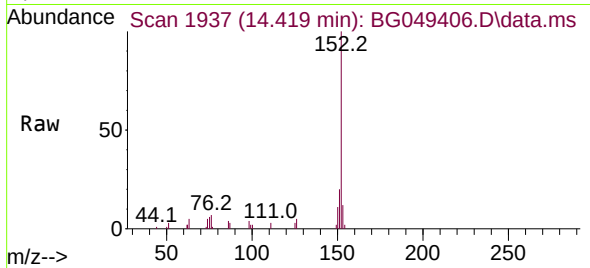


Tgt Ion: 65 Resp: 4447
Ion Ratio Lower Upper
65 100
92 60.8 47.2 70.8
138 69.1 68.0 102.0

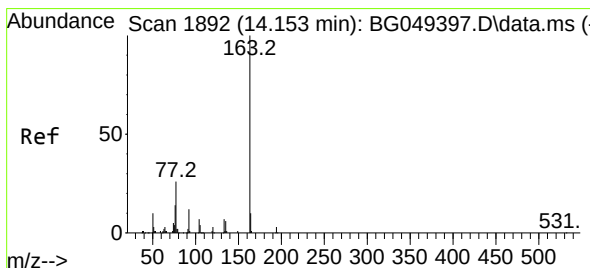
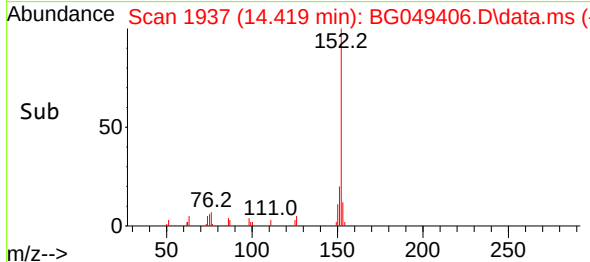
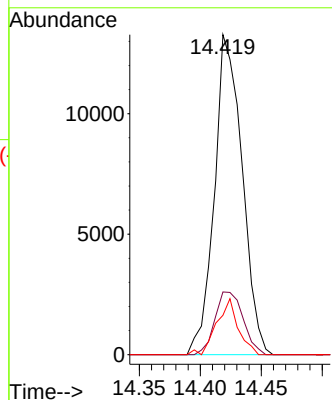




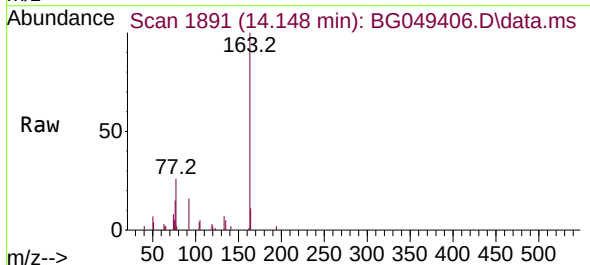
#49
Acenaphthylene
Concen: 3.91 ng
RT: 14.419 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



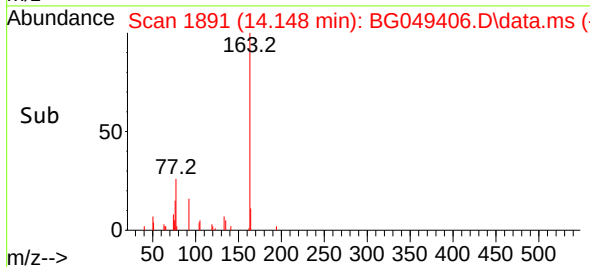
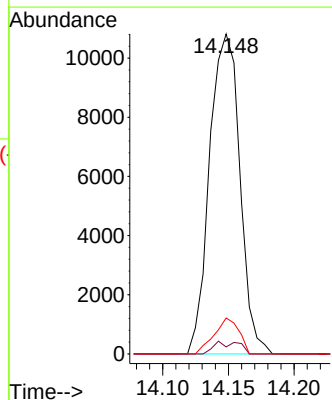
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	18.2	27.4
153	12.3	11.7	17.5



#50
Dimethylphthalate
Concen: 4.05 ng
RT: 14.148 min Scan# 1891
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



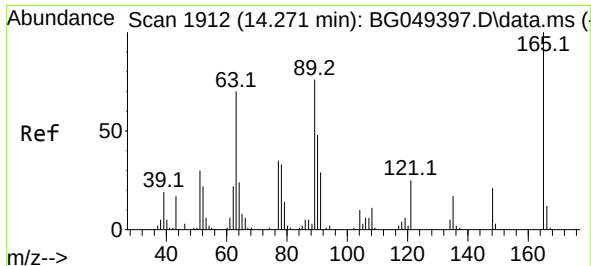
Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.2	3.0	4.6#
164	11.3	8.6	12.8



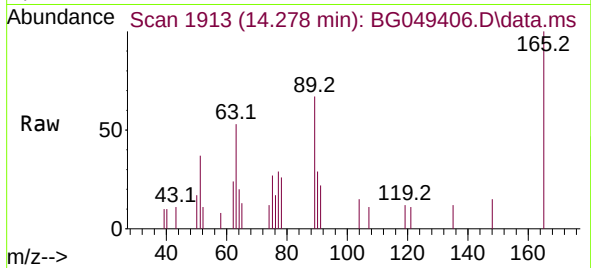
Instrument :
BNA_G
ClientSampleId :
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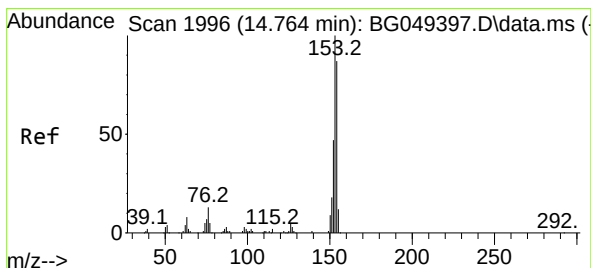
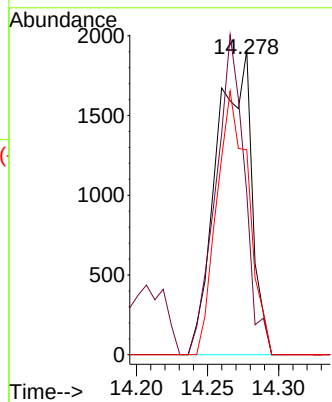
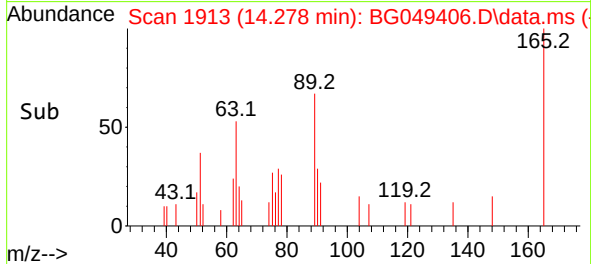
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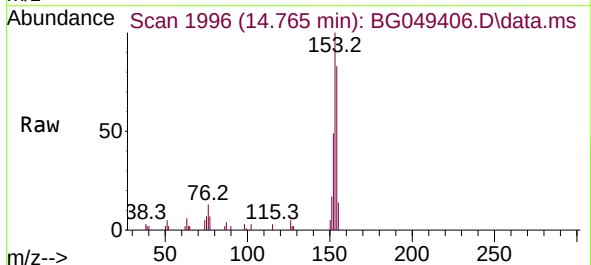
#51
2,6-Dinitrotoluene
Concen: 3.50 ng
RT: 14.278 min Scan# 1913
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



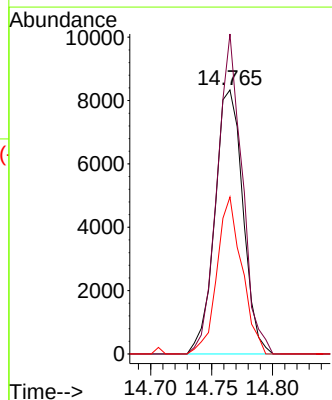
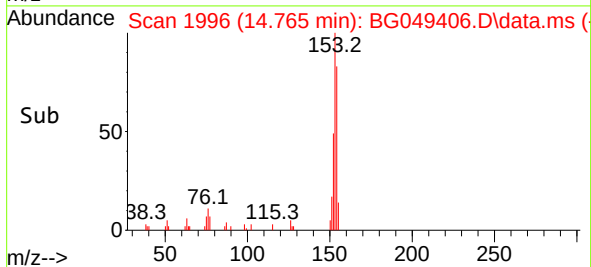
Tgt Ion:165 Resp: 3257
Ion Ratio Lower Upper
165 100
63 53.1 63.3 94.9#
89 67.3 63.4 95.0



#52
Acenaphthene
Concen: 4.11 ng
RT: 14.765 min Scan# 1996
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



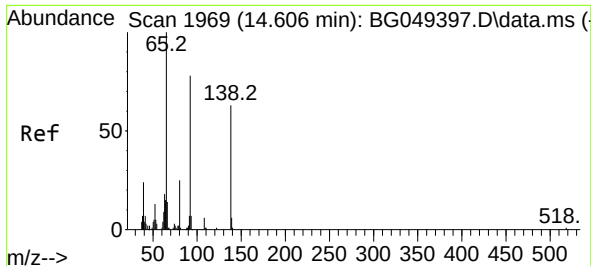
Tgt Ion:154 Resp: 13351
Ion Ratio Lower Upper
154 100
153 121.2 87.0 130.4
152 59.4 40.1 60.1



Instrument :
BNA_G
ClientSampleId :
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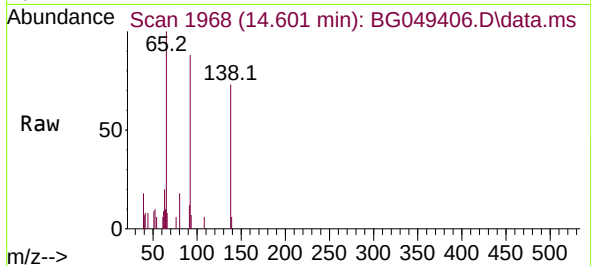
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#53
3-Nitroaniline
Concen: 3.41 ng
RT: 14.601 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

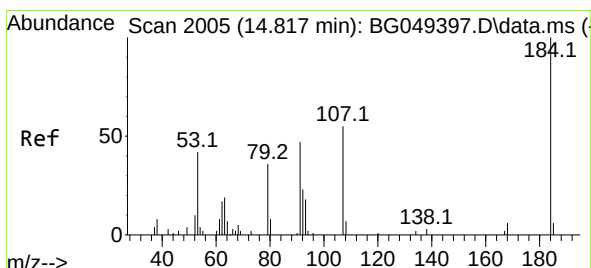
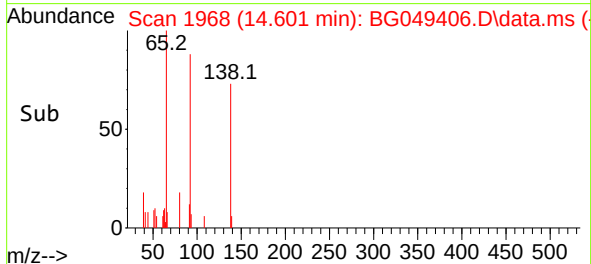
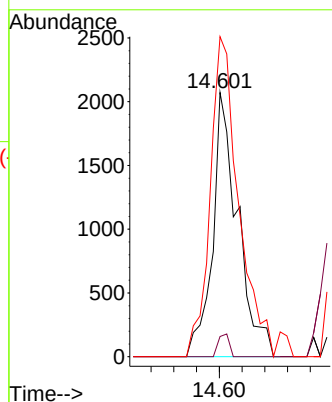
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:138 Resp: 3175
Ion Ratio Lower Upper
138 100
108 7.7 8.3 12.5#
92 121.1 96.4 144.6

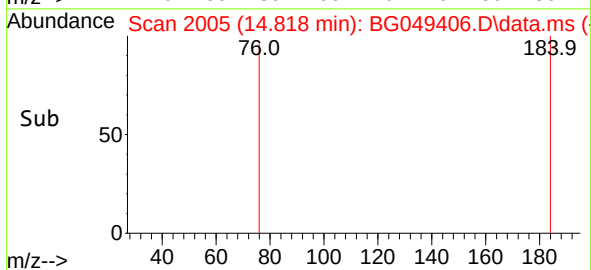
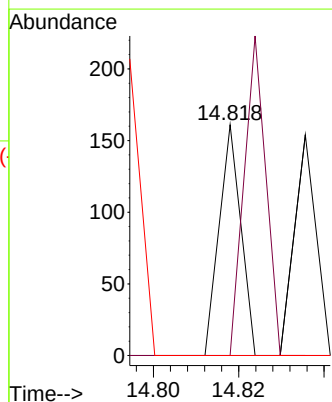
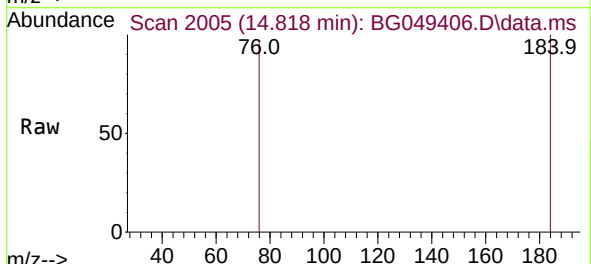
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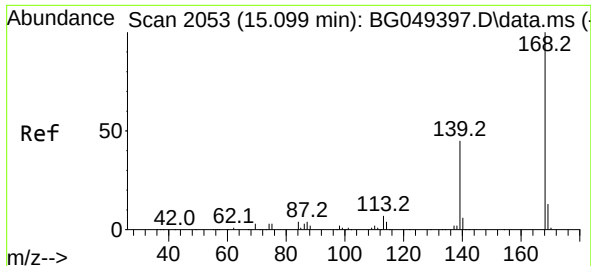
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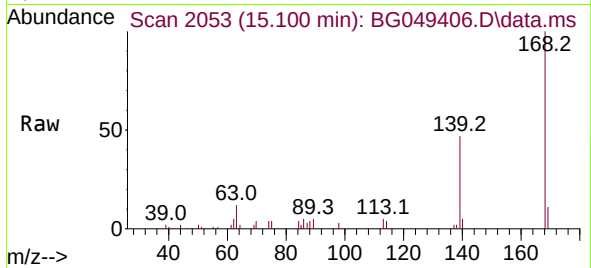
#54
2,4-Dinitrophenol
Concen: 0.15 ng
RT: 14.818 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

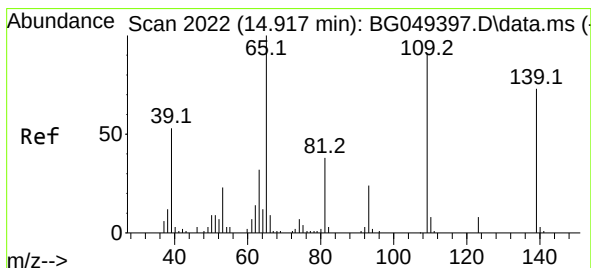
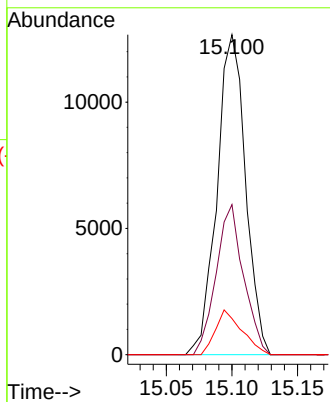
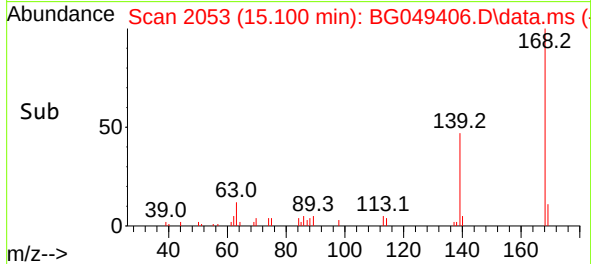




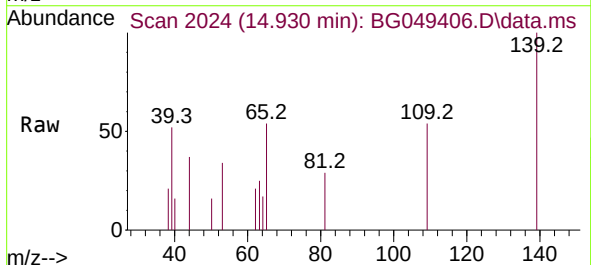
#55
Dibenzenofuran
Concen: 3.68 ng
RT: 15.100 min Scan# 2053
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



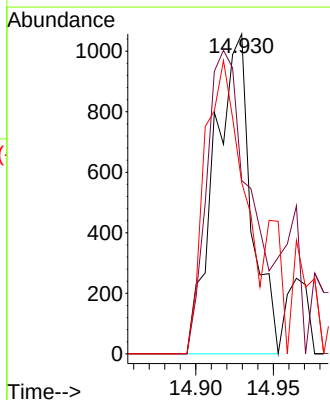
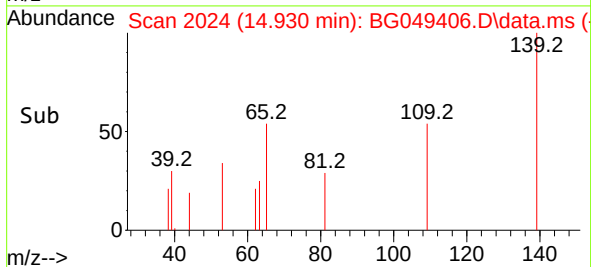
Tgt Ion:168 Resp: 19163
Ion Ratio Lower Upper
168 100
139 46.9 33.4 50.2
169 11.3 12.3 18.5#



#56
4-Nitrophenol
Concen: 2.38 ng
RT: 14.930 min Scan# 2024
Delta R.T. 0.013 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



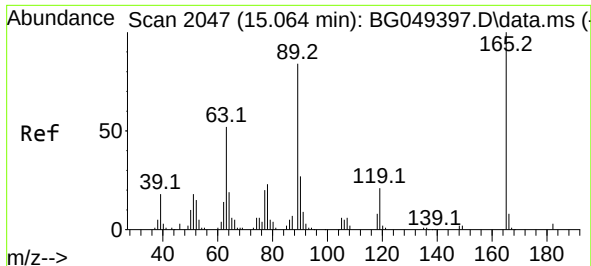
Tgt Ion:139 Resp: 1750
Ion Ratio Lower Upper
139 100
109 54.2 116.3 156.3#
65 53.5 105.0 145.0#



Instrument :
BNA_G
ClientSampleId :
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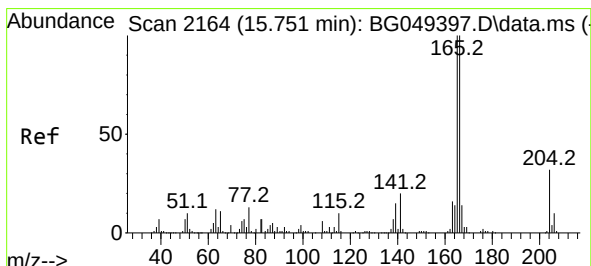
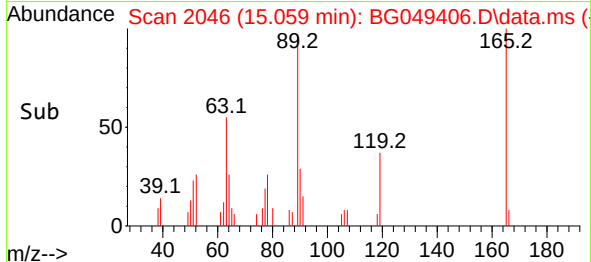
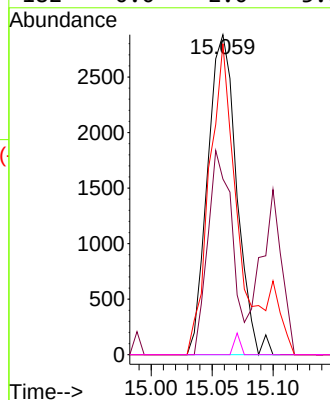
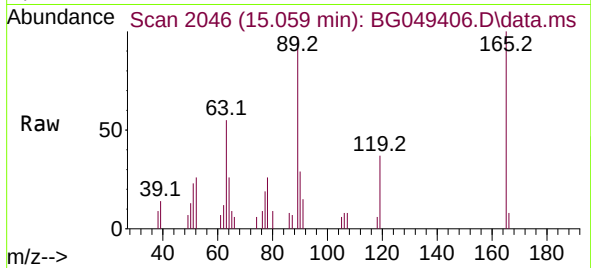
#57
2,4-Dinitrotoluene
Concen: 3.71 ng
RT: 15.059 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:165 Resp: 4771
Ion Ratio Lower Upper
165 100
63 54.9 48.0 72.0
89 97.2 65.4 98.0
182 0.0 2.0 3.0#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

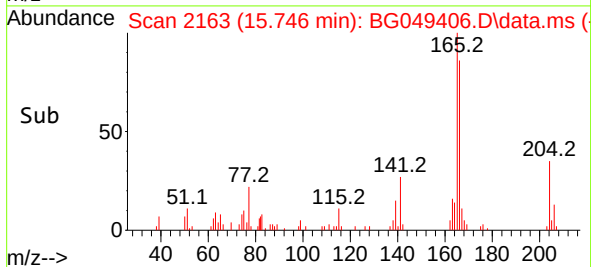
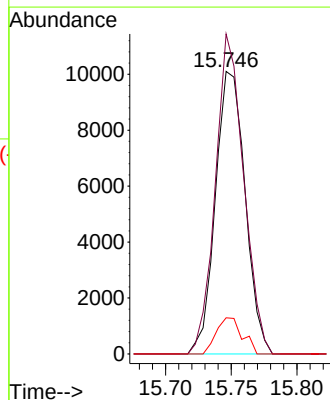
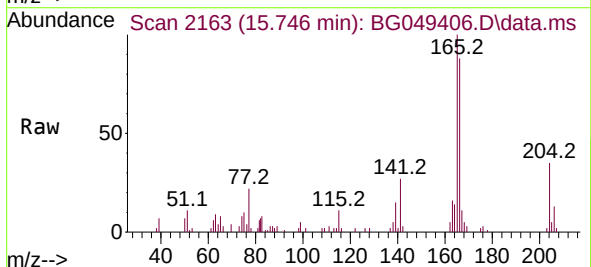
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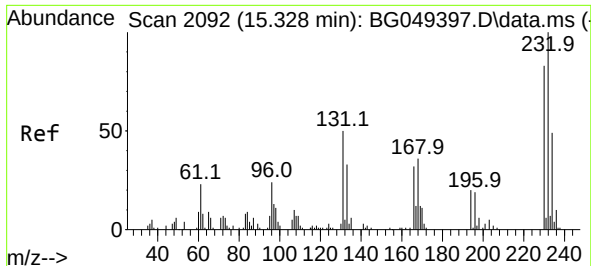
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#58
Fluorene
Concen: 3.77 ng
RT: 15.746 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:166 Resp: 15935
Ion Ratio Lower Upper
166 100
165 113.3 77.7 116.5
167 12.8 10.8 16.2





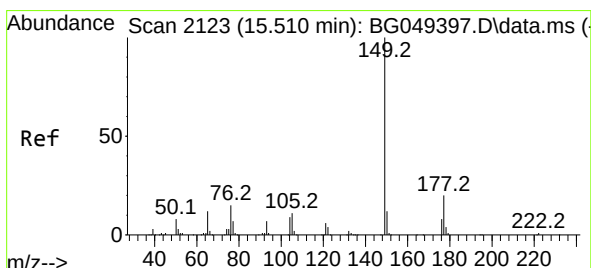
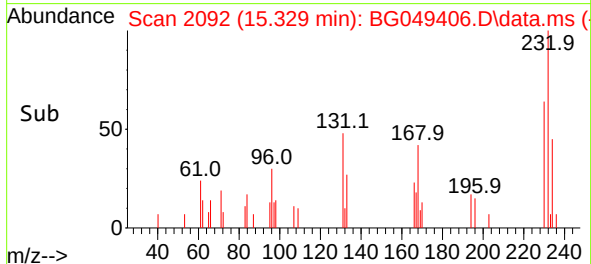
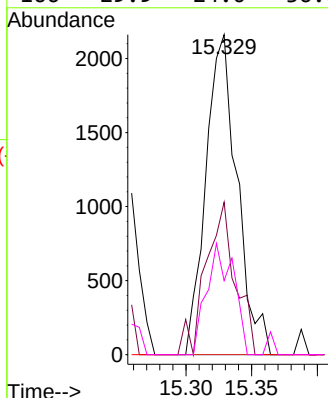
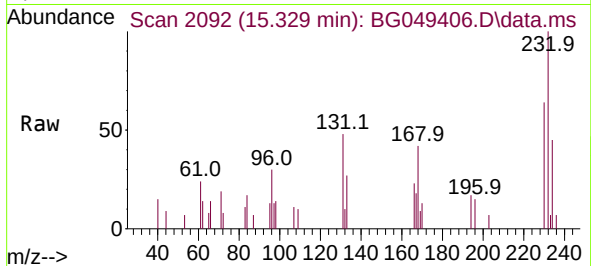
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.18 ng
RT: 15.329 min Scan# 2092
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:	232	Resp:	3580
Ion Ratio	Lower	Upper	
232	100		
131	45.1	37.2	55.8
130	0.0	2.8	4.2#
166	29.9	24.0	36.0

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

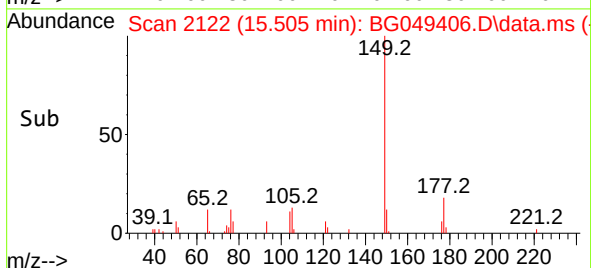
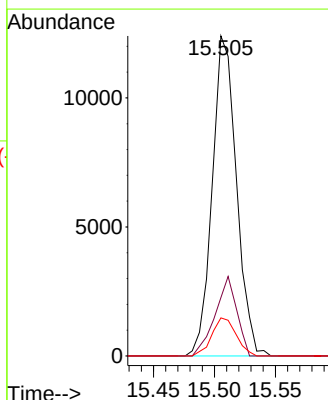
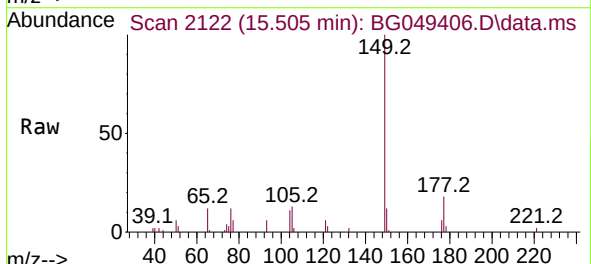
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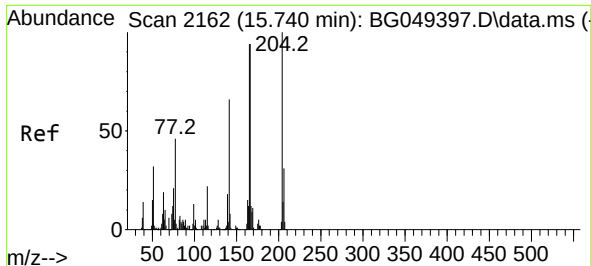
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#60
Diethylphthalate
Concen: 3.98 ng
RT: 15.505 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

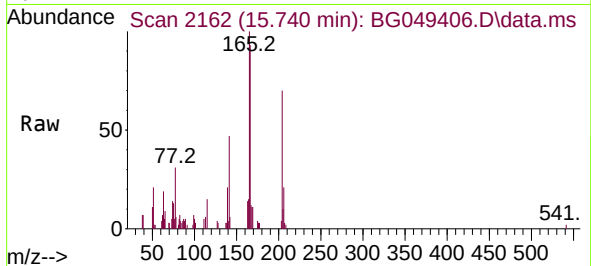
Tgt Ion:	149	Resp:	17125
Ion Ratio	Lower	Upper	
149	100		
177	18.3	19.0	28.6#
150	11.9	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 3.78 ng
RT: 15.740 min Scan# 2162
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

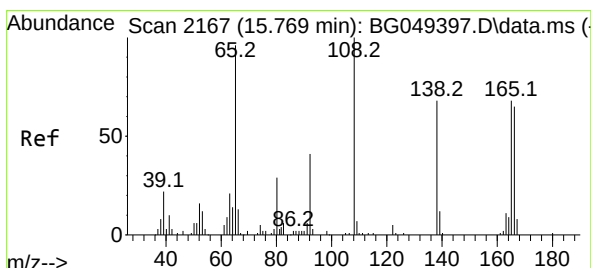
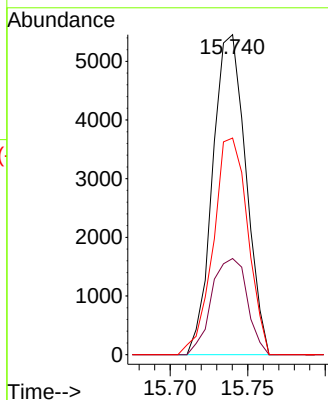
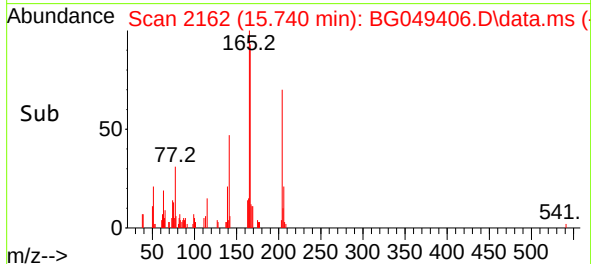
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



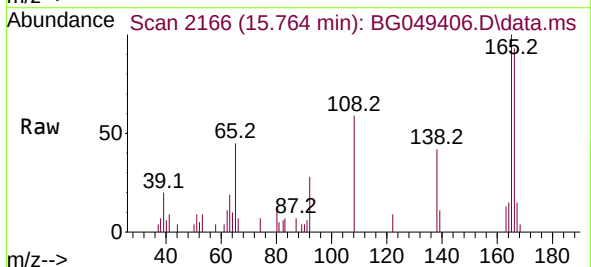
Tgt Ion:	204	Resp:	8111
Ion Ratio	Lower	Upper	
204	100		
206	30.1	24.6	37.0
141	67.7	47.8	71.8

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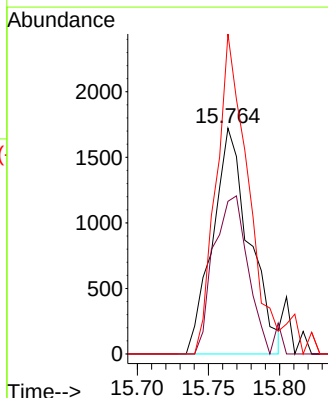
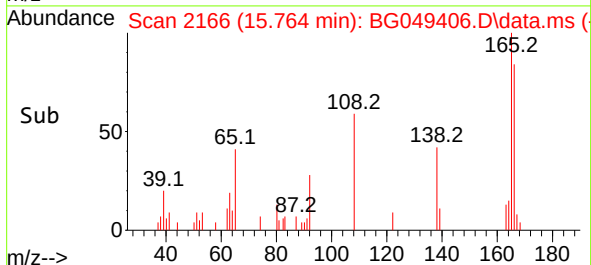
mohammad
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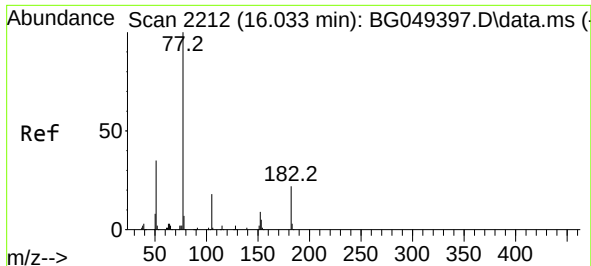


#62
4-Nitroaniline
Concen: 3.15 ng
RT: 15.764 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

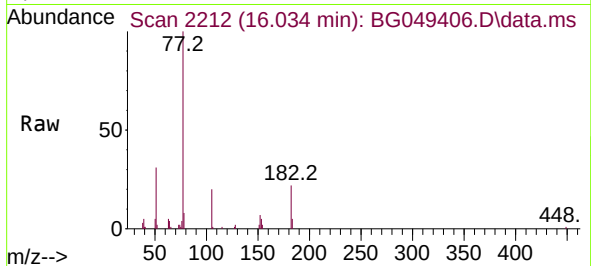


Tgt Ion:	138	Resp:	3092
Ion Ratio	Lower	Upper	
138	100		
92	67.6	32.3	72.3
108	141.8	132.4	172.4

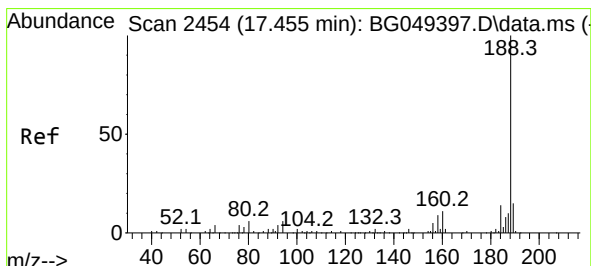
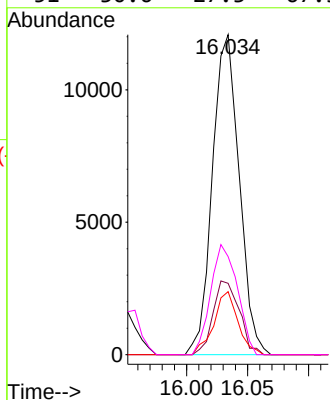
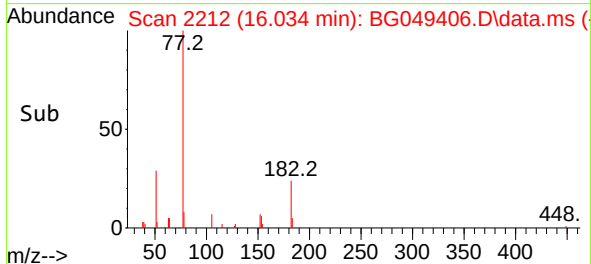




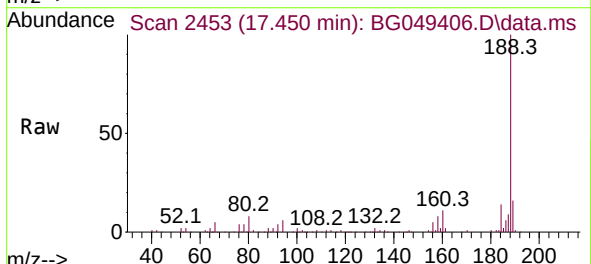
#63
Azobenzene
Concen: 3.88 ng
RT: 16.034 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



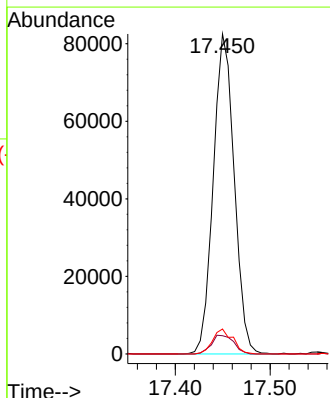
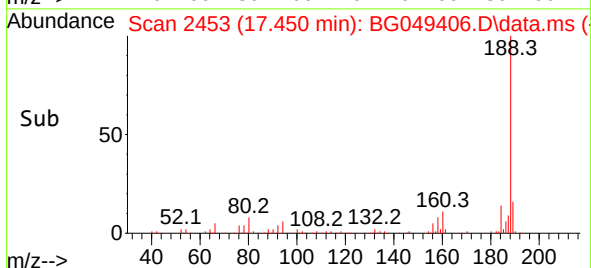
Tgt Ion: 77	Resp: 18488
Ion Ratio	Lower Upper
77 100	
182 22.3	7.9 47.9
105 19.7	0.0 37.9
51 30.6	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.450 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



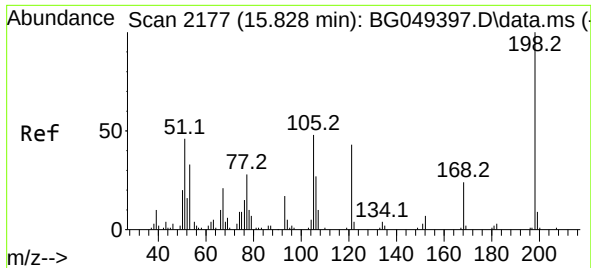
Tgt Ion: 188	Resp: 126456
Ion Ratio	Lower Upper
188 100	
94 5.7	5.4 8.0
80 7.8	3.7 5.5#



Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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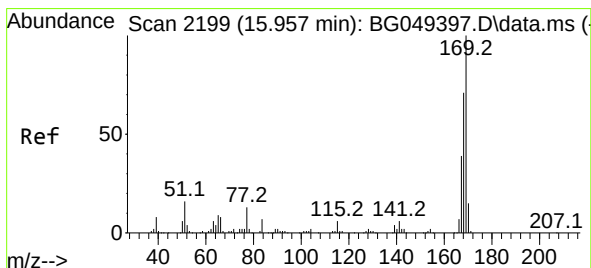
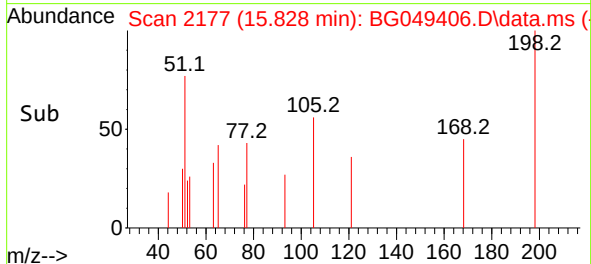
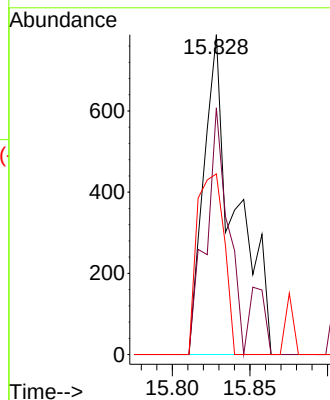
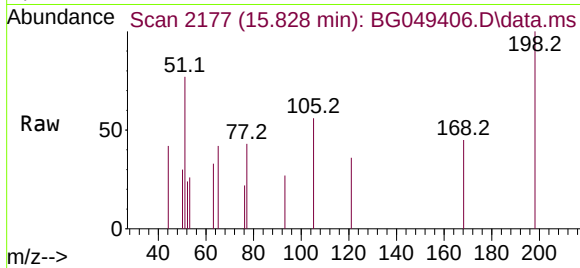
#65
4,6-Dinitro-2-methylphenol
Concen: 1.62 ng
RT: 15.828 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion	Ratio	Lower	Upper
198	100		
51	77.2	29.4	69.4#
105	56.5	15.1	55.1#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

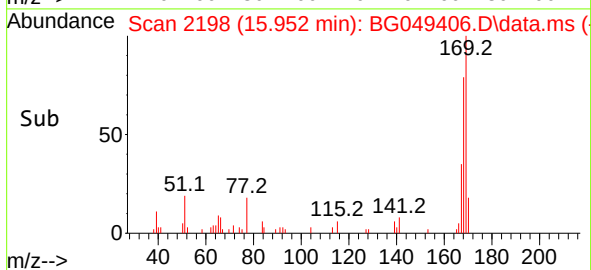
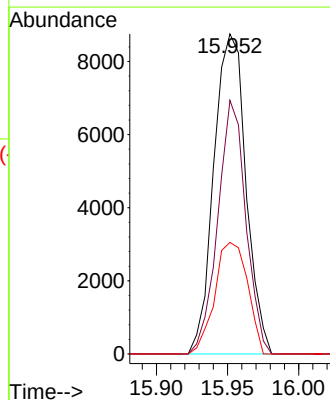
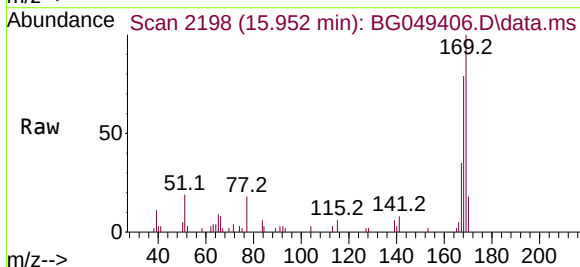
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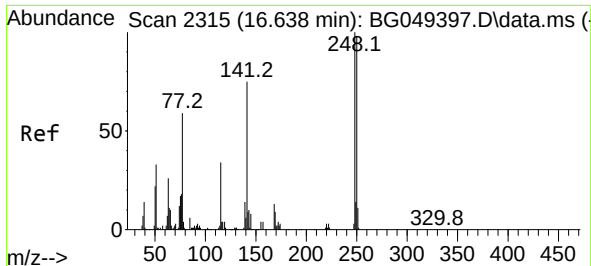
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#66
n-Nitrosodiphenylamine
Concen: 3.78 ng
RT: 15.952 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	79.2	56.3	84.5
167	34.8	28.4	42.6





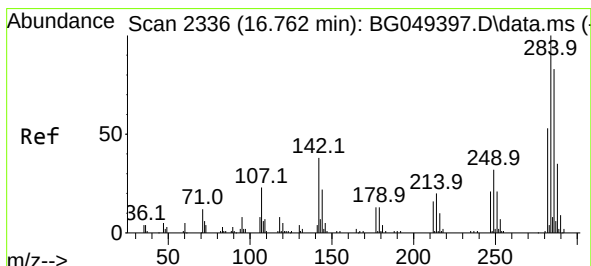
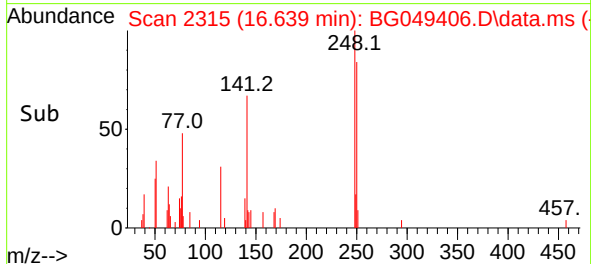
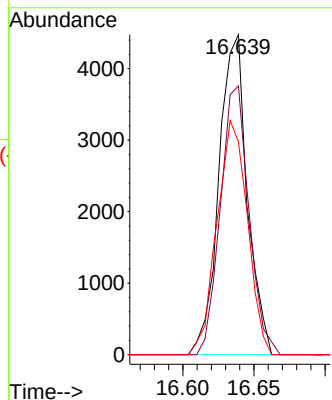
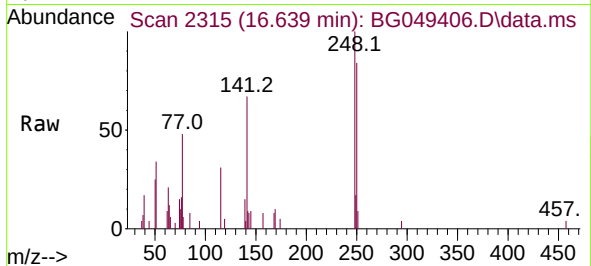
#67
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 16.639 min Scan# 2315
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:	248	Resp:	6195
Ion Ratio	Lower	Upper	
248	100		
250	84.0	76.1	114.1
141	66.5	65.4	98.2

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

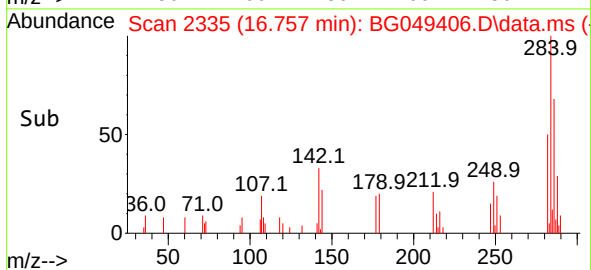
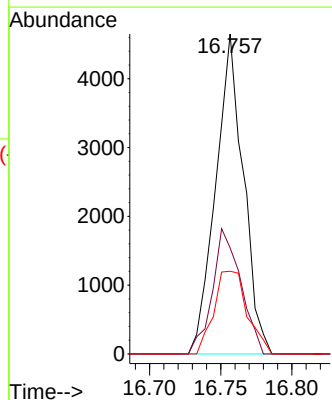
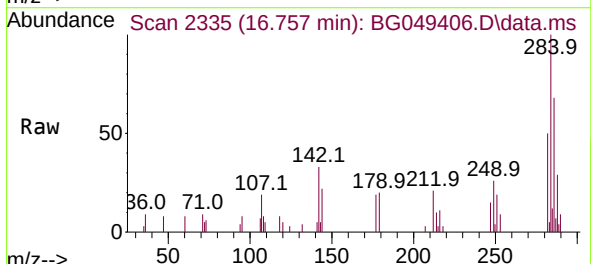
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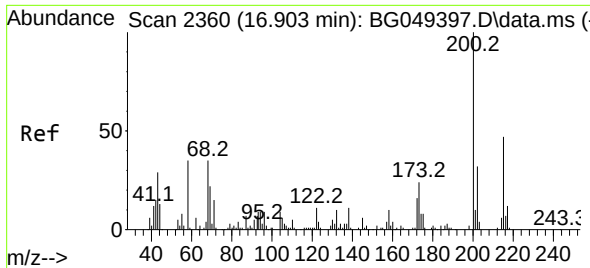
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#68
Hexachlorobenzene
Concen: 3.87 ng
RT: 16.757 min Scan# 2335
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

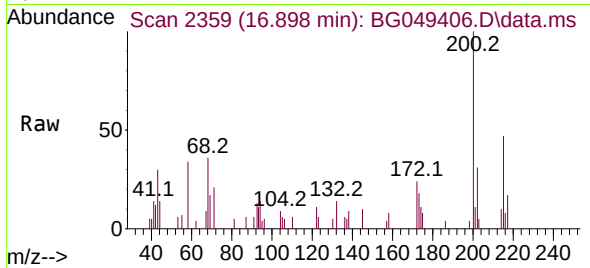
Tgt Ion:	284	Resp:	6283
Ion Ratio	Lower	Upper	
284	100		
142	33.1	27.0	40.6
249	25.8	28.2	42.2#





#69
Atrazine
Concen: 4.14 ng
RT: 16.898 min Scan# 2359
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

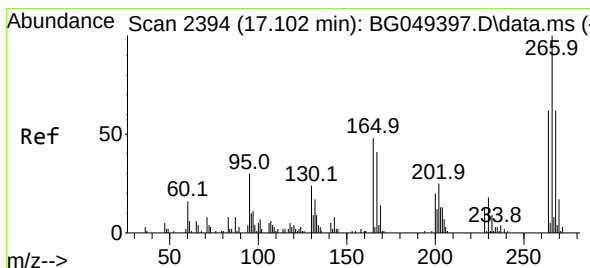
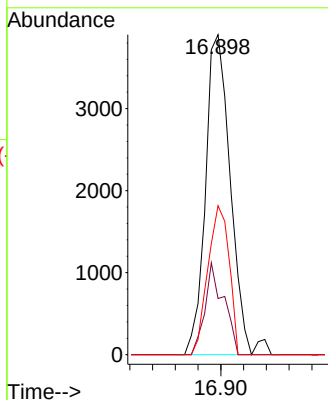
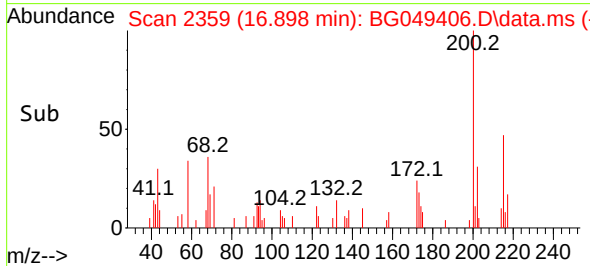
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



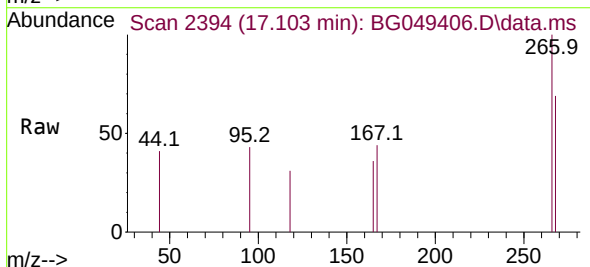
Tgt Ion:200 Resp: 5953
Ion Ratio Lower Upper
200 100
173 17.6 3.7 43.7
215 46.6 26.9 66.9

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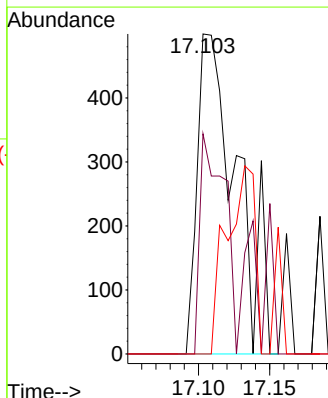
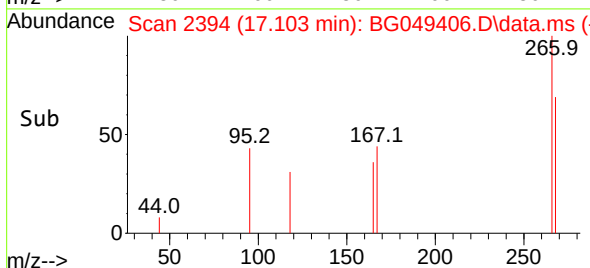
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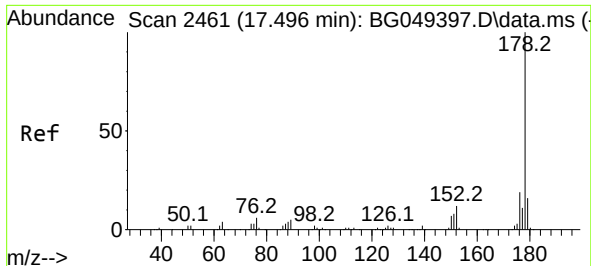


#70
Pentachlorophenol
Concen: 1.33 ng
RT: 17.103 min Scan# 2394
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

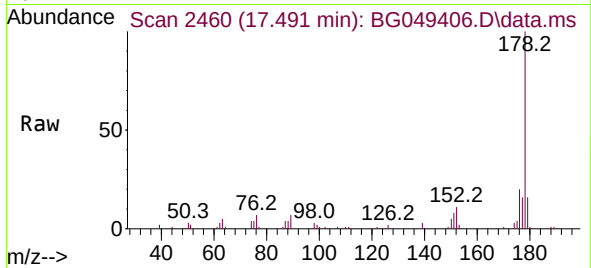


Tgt Ion:266 Resp: 972
Ion Ratio Lower Upper
266 100
268 68.8 49.0 73.4
264 0.0 49.0 73.6#

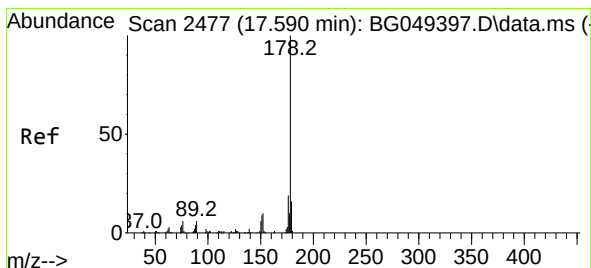
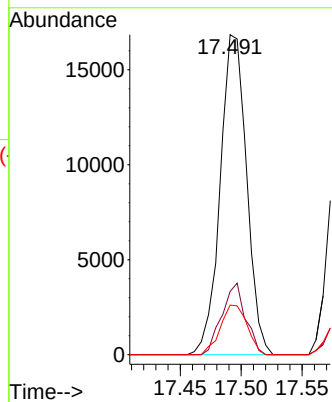
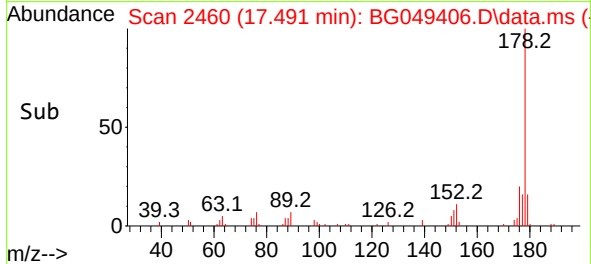




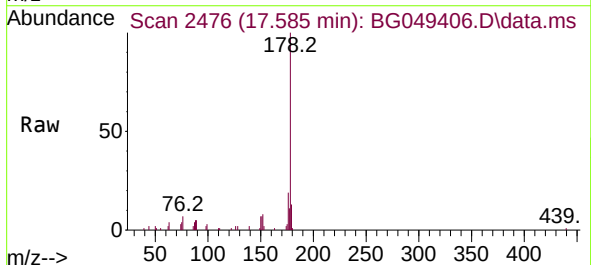
#71
Phenanthrene
Concen: 3.74 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



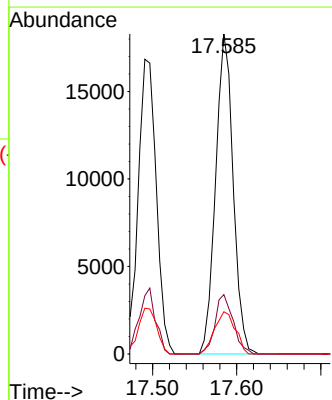
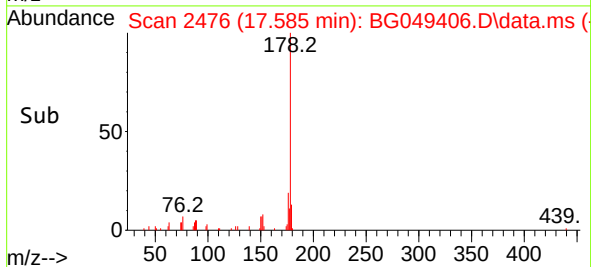
Tgt Ion:178 Resp: 25428
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.5 14.2 21.4



#72
Anthracene
Concen: 3.97 ng m
RT: 17.585 min Scan# 2476
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



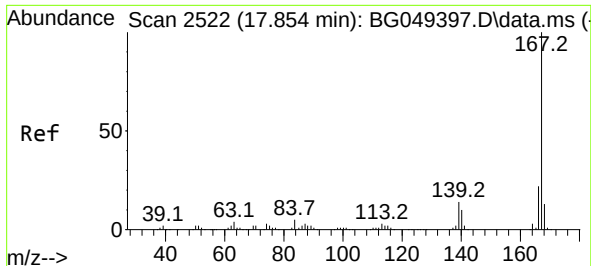
Tgt Ion:178 Resp: 26529
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 13.2 13.4 20.0#



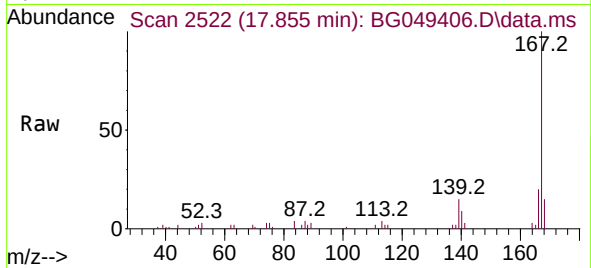
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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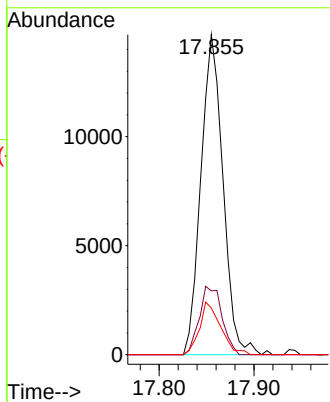
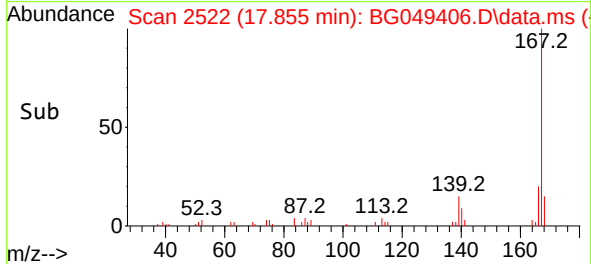
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#73
 Carbazole
 Concen: 3.74 ng
 RT: 17.855 min Scan# 2522
 Delta R.T. 0.001 min
 Lab File: BG049406.D
 Acq: 22 Jul 2021 9:42



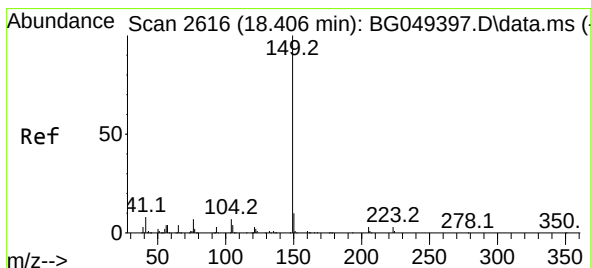
Tgt Ion:167 Resp: 23777
 Ion Ratio Lower Upper
 167 100
 166 20.0 17.4 26.2
 139 14.6 10.7 16.1



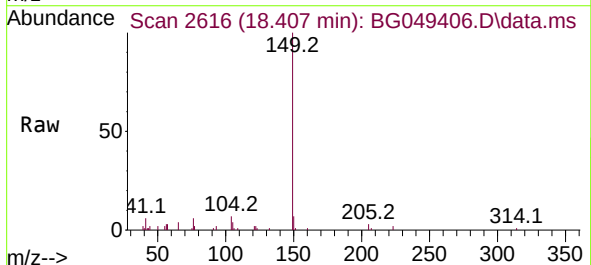
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

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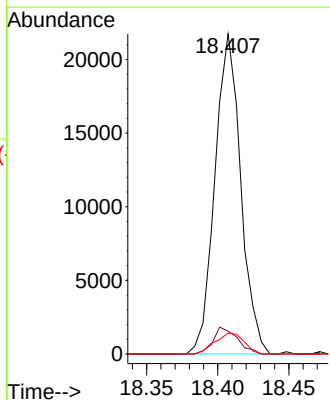
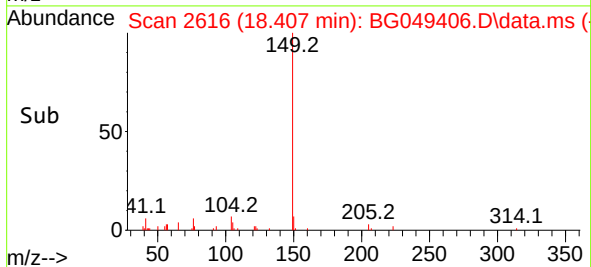
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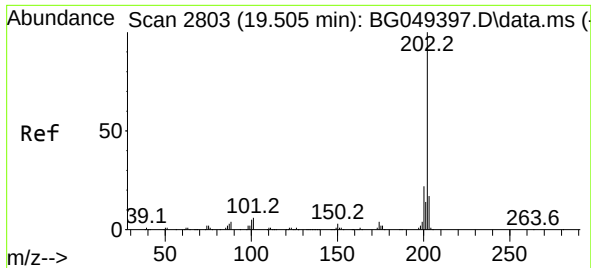


#74
 Di-n-butylphthalate
 Concen: 3.79 ng
 RT: 18.407 min Scan# 2616
 Delta R.T. 0.001 min
 Lab File: BG049406.D
 Acq: 22 Jul 2021 9:42

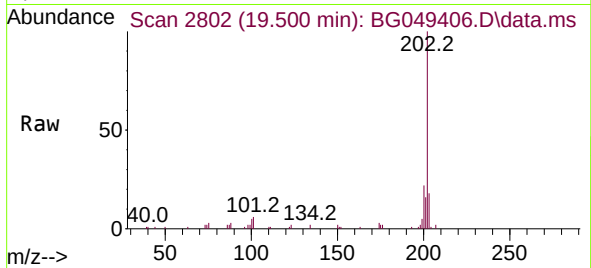


Tgt Ion:149 Resp: 27432
 Ion Ratio Lower Upper
 149 100
 150 7.1 7.5 11.3#
 104 6.6 6.6 10.0#

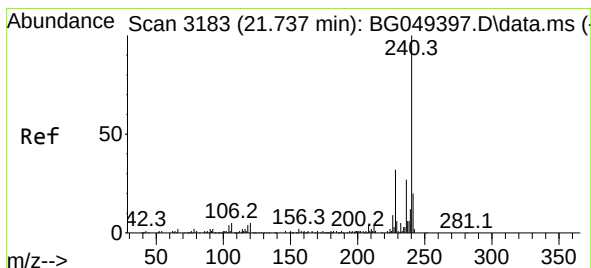
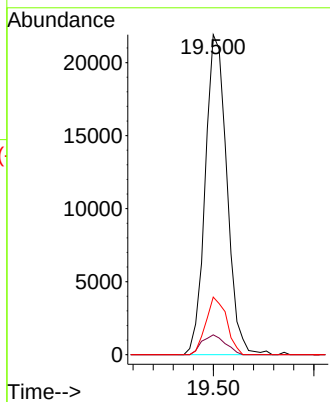
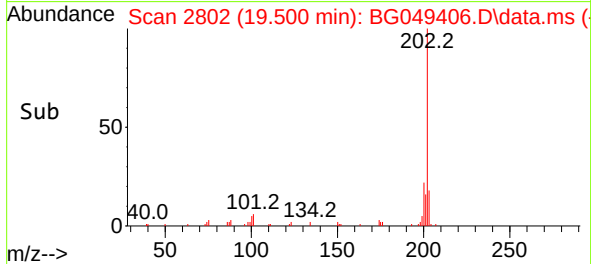




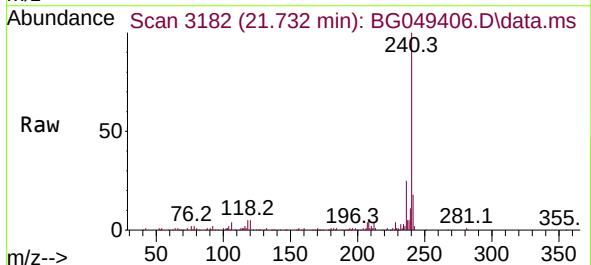
#75
Fluoranthene
Concen: 3.87 ng
RT: 19.500 min Scan# 2802
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



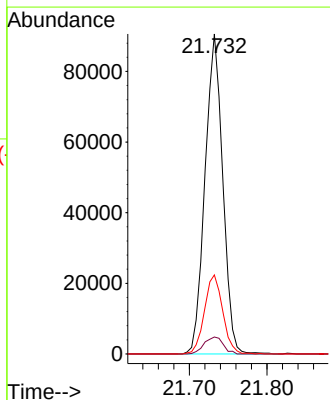
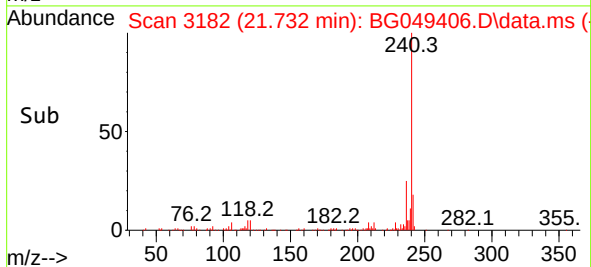
Tgt Ion:202 Resp: 32716
Ion Ratio Lower Upper
202 100
101 6.2 0.0 24.7
203 18.0 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.732 min Scan# 3182
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



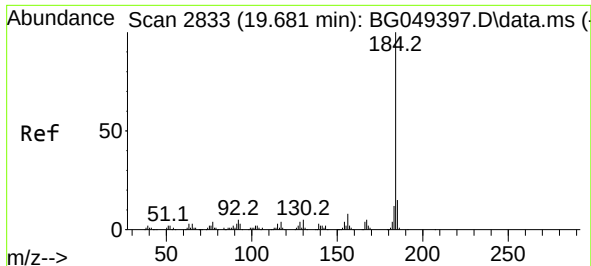
Tgt Ion:240 Resp: 143752
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 24.7 21.8 32.6



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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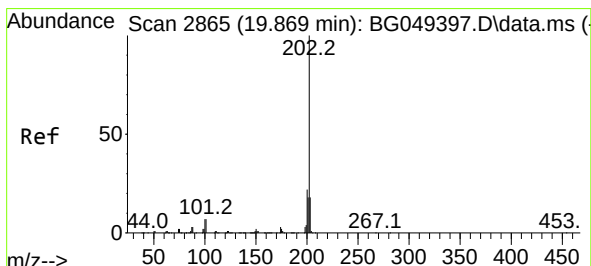
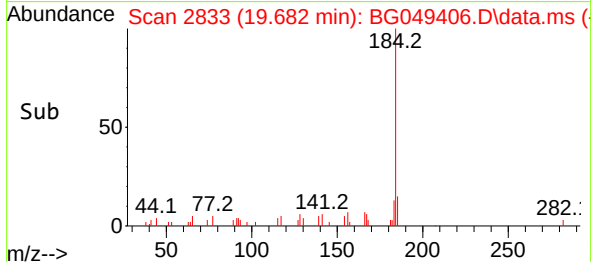
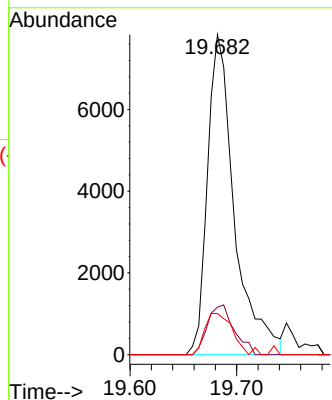
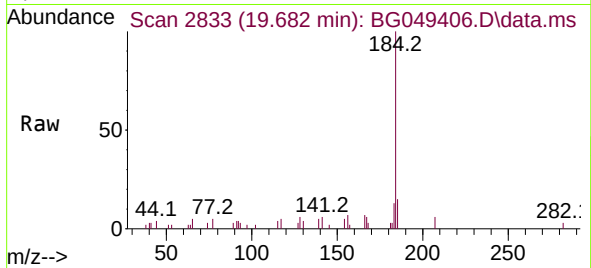
#77
Benzidine
Concen: 3.45 ng
RT: 19.682 min Scan# 2833
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:184	Resp:	13721
Ion Ratio	Lower	Upper
184	100	
185	14.9	10.7 16.1
183	12.9	9.4 14.0

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

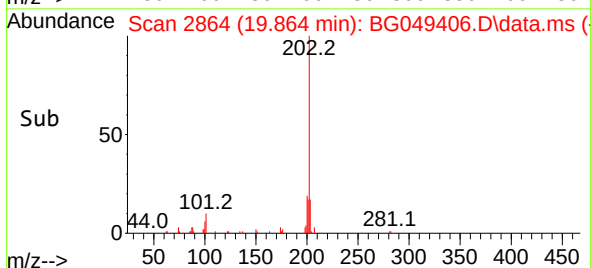
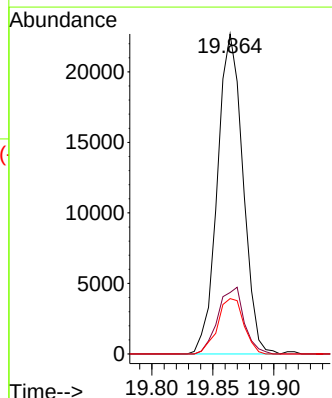
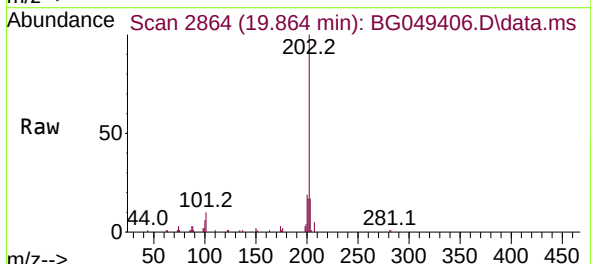
Manual Integrations
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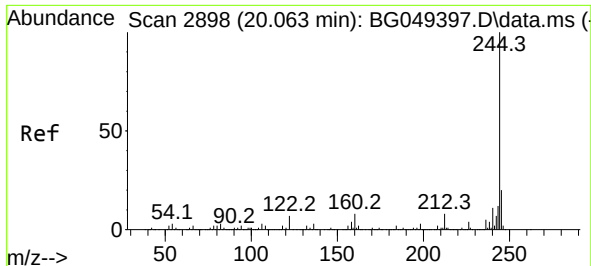
mohammad
7/23/2021 11:50:26 AM



#78
Pyrene
Concen: 3.50 ng
RT: 19.864 min Scan# 2864
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:202	Resp:	33014
Ion Ratio	Lower	Upper
202	100	
200	19.2	15.8 23.8
203	17.3	14.6 21.8





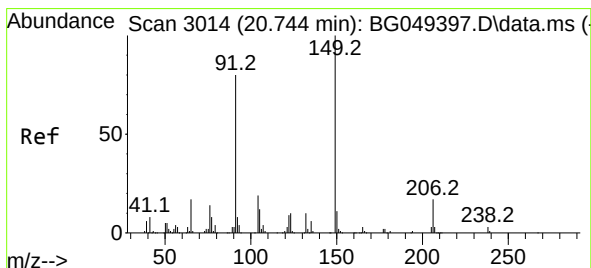
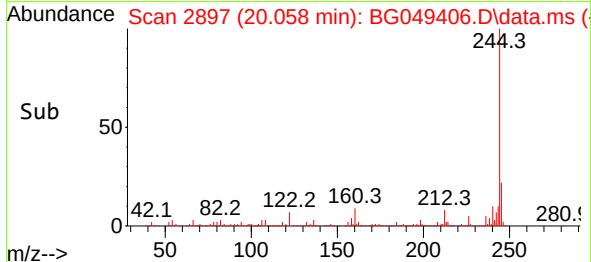
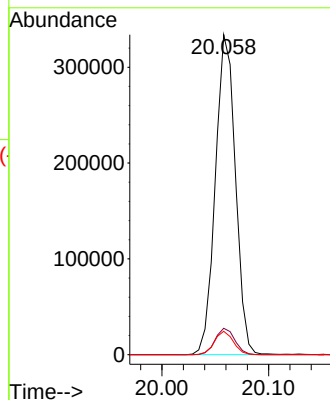
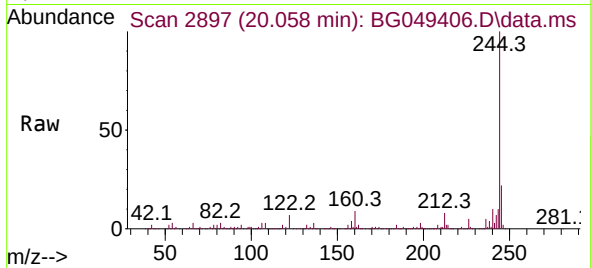
#79
Terphenyl-d14
Concen: 59.23 ng
RT: 20.058 min Scan# 2897
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:244 Resp: 435998
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 7.3 5.0 7.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

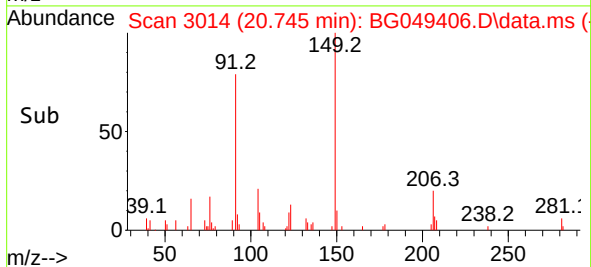
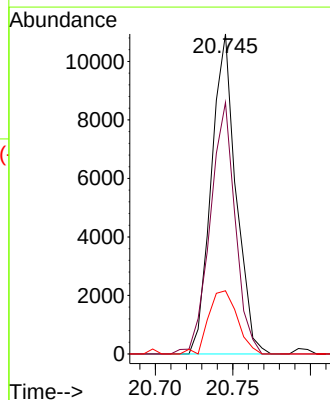
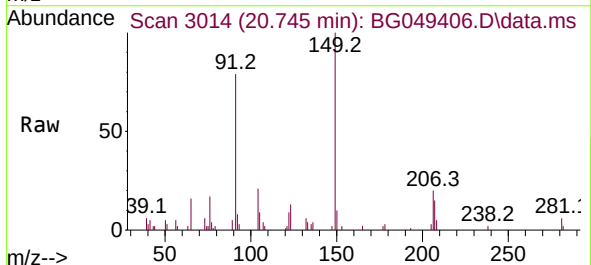
Manual Integrations
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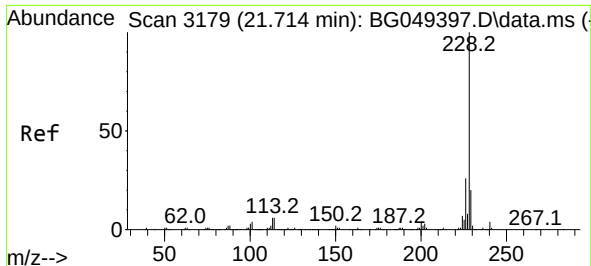
mohammad
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#80
Butylbenzylphthalate
Concen: 3.53 ng
RT: 20.745 min Scan# 3014
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

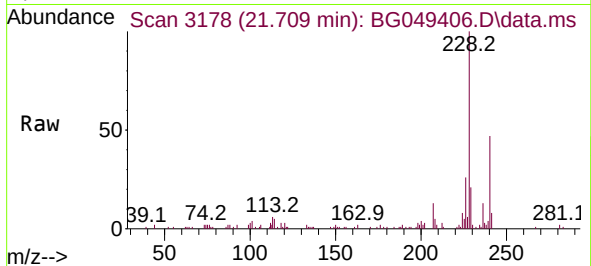
Tgt Ion:149 Resp: 12096
Ion Ratio Lower Upper
149 100
91 78.6 63.4 95.2
206 19.7 18.4 27.6





#81
Benzo(a)anthracene
Concen: 3.79 ng
RT: 21.709 min Scan# 3178
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

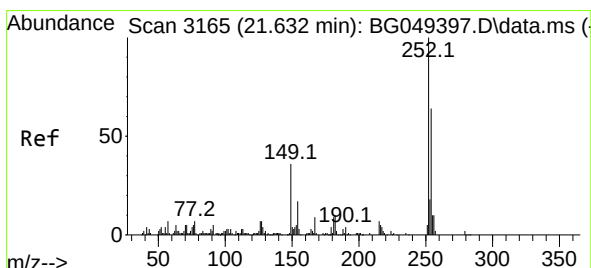
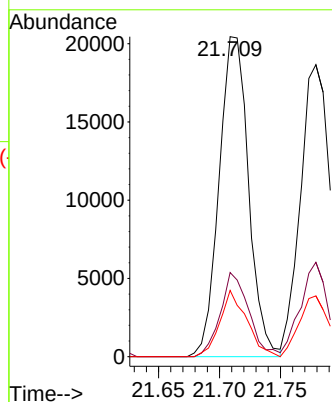
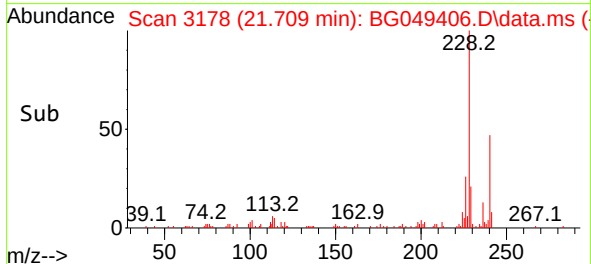
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



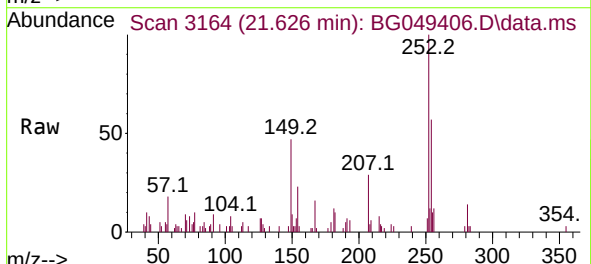
Tgt Ion:228 Resp: 34477
Ion Ratio Lower Upper
228 100
226 26.3 22.7 34.1
229 20.7 16.0 24.0

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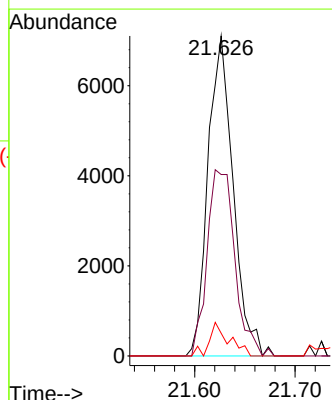
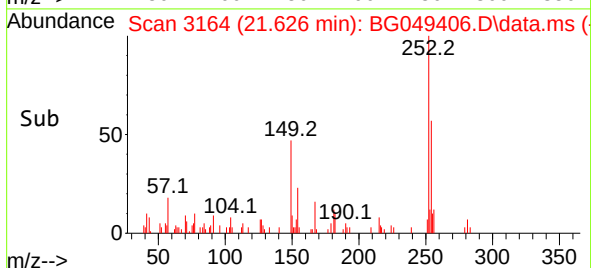
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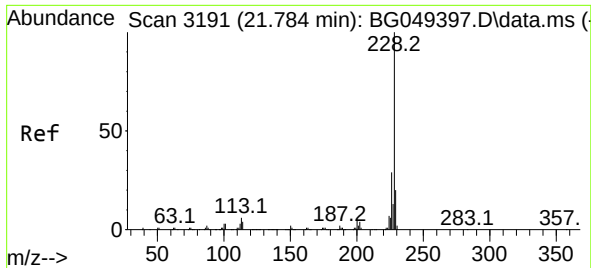


#82
3,3'-Dichlorobenzidine
Concen: 4.72 ng
RT: 21.626 min Scan# 3164
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



Tgt Ion:252 Resp: 12395
Ion Ratio Lower Upper
252 100
254 56.7 52.4 78.6
126 7.1 5.9 8.9





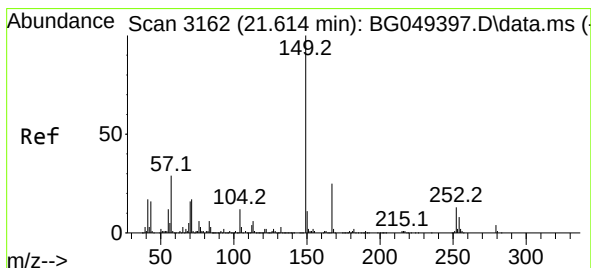
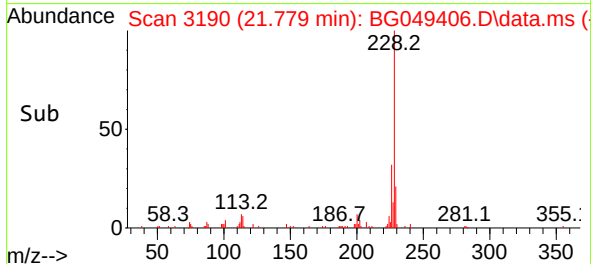
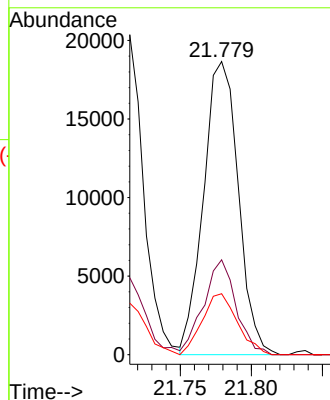
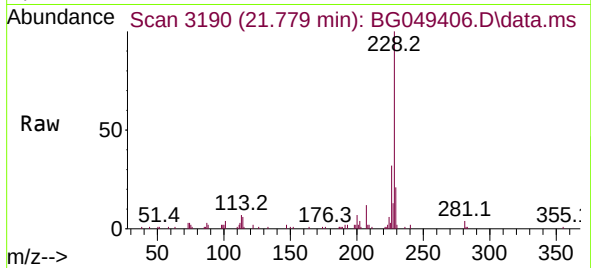
#83
Chrysene
Concen: 3.61 ng
RT: 21.779 min Scan# 3190
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 228 Resp: 31723
Ion Ratio Lower Upper
228 100
226 32.4 23.1 34.7
229 20.8 15.3 22.9

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

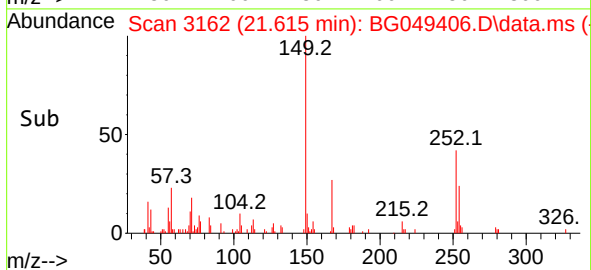
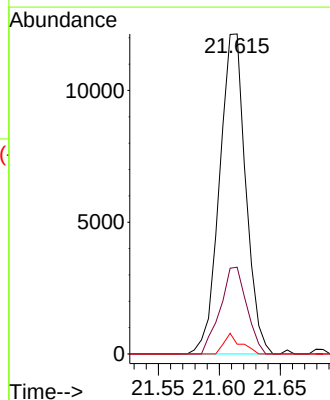
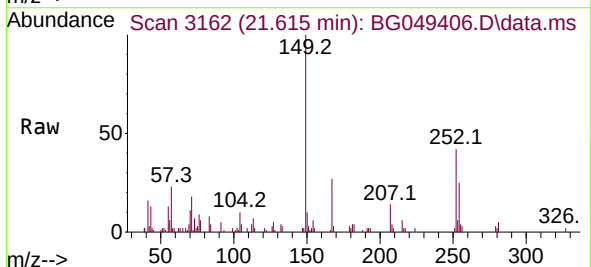
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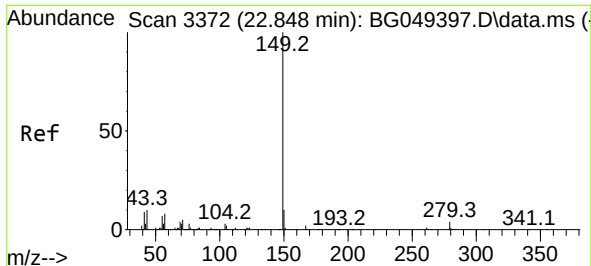
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.52 ng
RT: 21.615 min Scan# 3162
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 149 Resp: 18120
Ion Ratio Lower Upper
149 100
167 27.1 22.3 33.5
279 3.1 3.8 5.8#





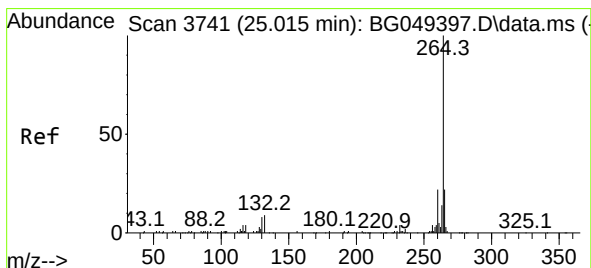
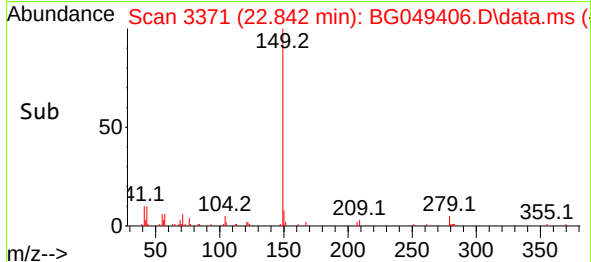
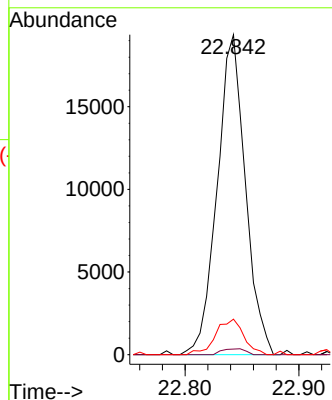
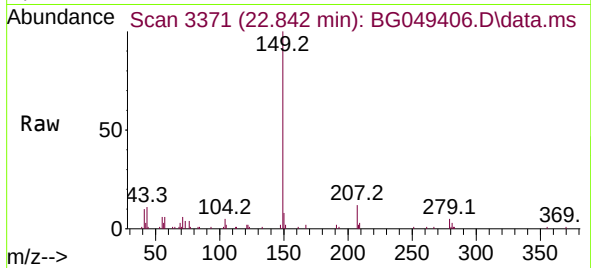
#85
Di-n-octyl phthalate
Concen: 3.75 ng
RT: 22.842 min Scan# 3371
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:149 Resp: 33283
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.2
43 11.1 8.6 12.8

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

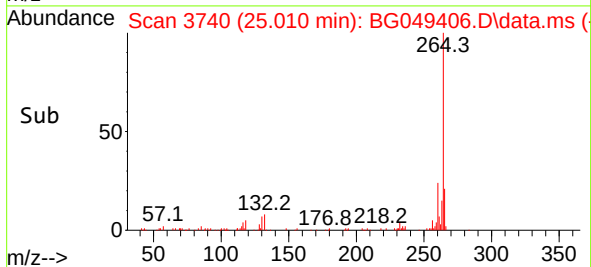
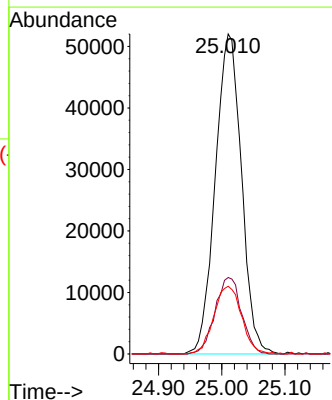
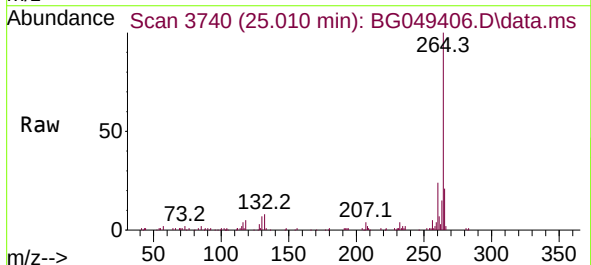
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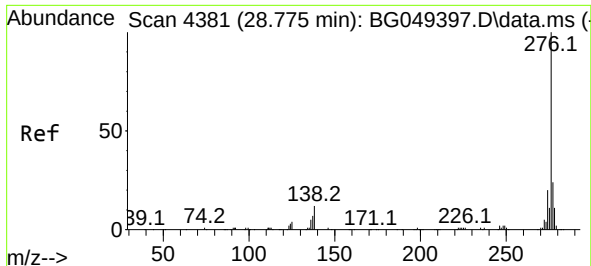
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.010 min Scan# 3740
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:264 Resp: 149433
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.2 16.9 25.3





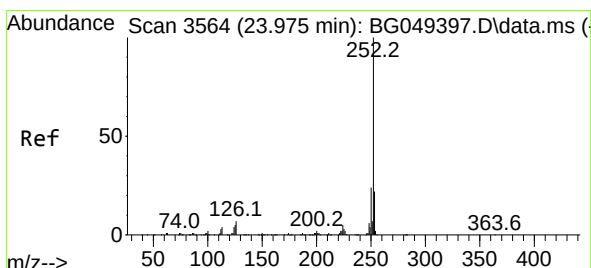
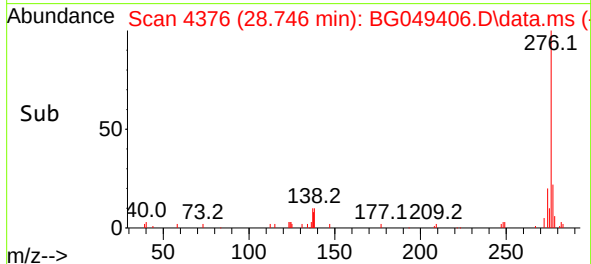
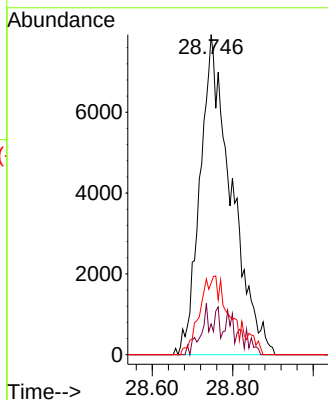
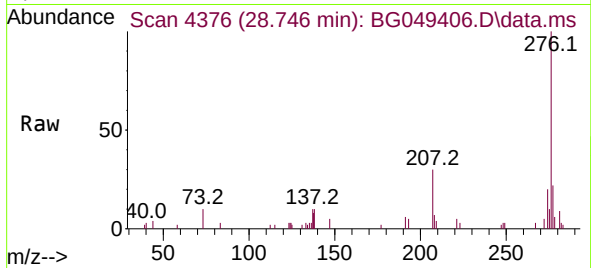
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.02 ng m
RT: 28.746 min Scan# 4376
Delta R.T. -0.029 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 276 Resp: 42519
Ion Ratio Lower Upper
276 100
138 1.5 5.1 7.7#
277 21.8 19.8 29.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

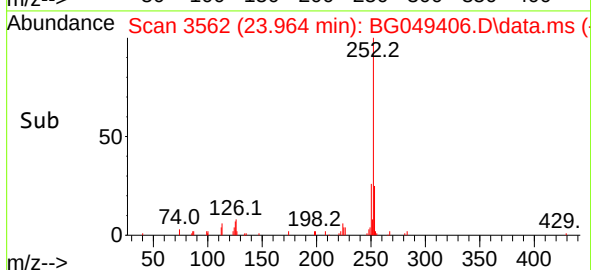
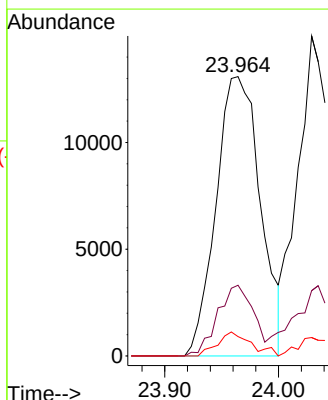
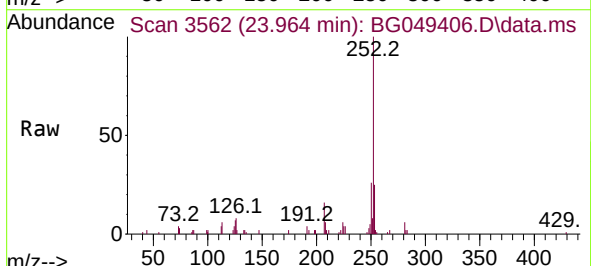
Manual Integrations
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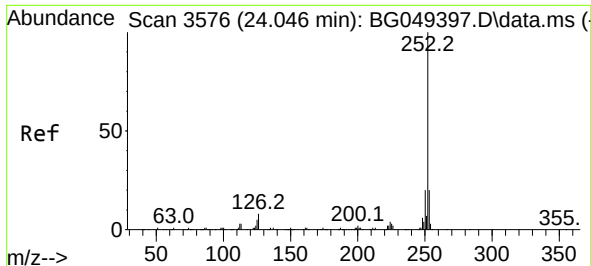
mohammad
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#88
Benzo(b)fluoranthene
Concen: 3.68 ng
RT: 23.964 min Scan# 3562
Delta R.T. -0.011 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

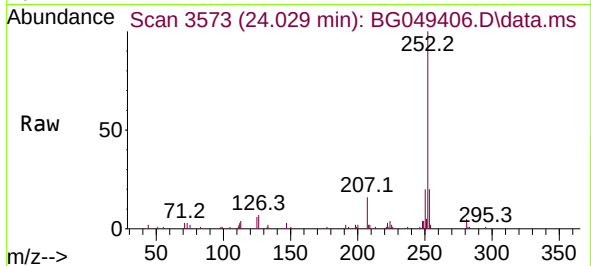
Tgt Ion: 252 Resp: 35451
Ion Ratio Lower Upper
252 100
253 25.3 16.2 24.4#
125 6.9 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 3.82 ng
RT: 24.029 min Scan# 3573
Delta R.T. -0.017 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

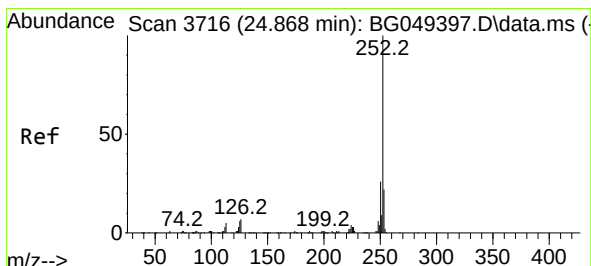
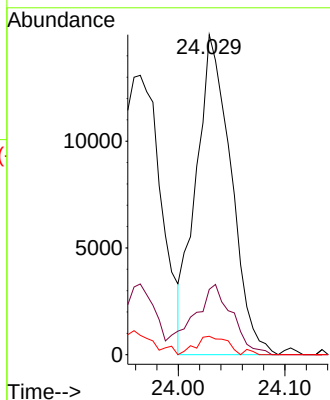
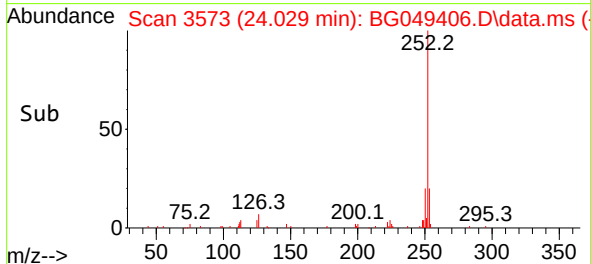
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



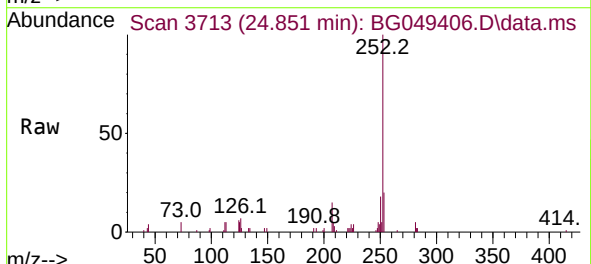
Tgt Ion:252 Resp: 34207
Ion Ratio Lower Upper
252 100
253 20.4 18.0 27.0
125 5.8 3.1 4.7#

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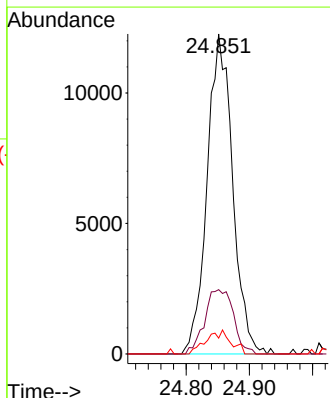
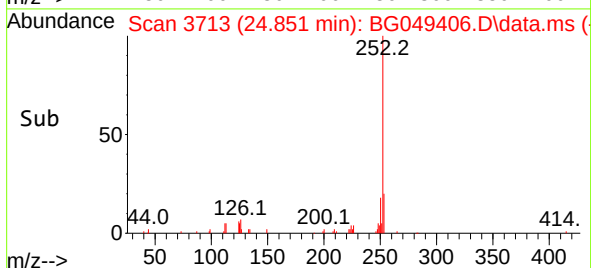
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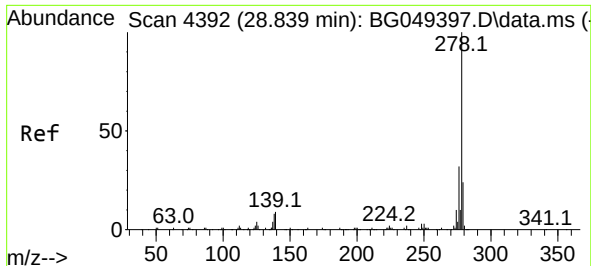


#90
Benzo(a)pyrene
Concen: 3.94 ng
RT: 24.851 min Scan# 3713
Delta R.T. -0.017 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42



Tgt Ion:252 Resp: 34358
Ion Ratio Lower Upper
252 100
253 20.1 16.6 25.0
125 5.0 3.5 5.3





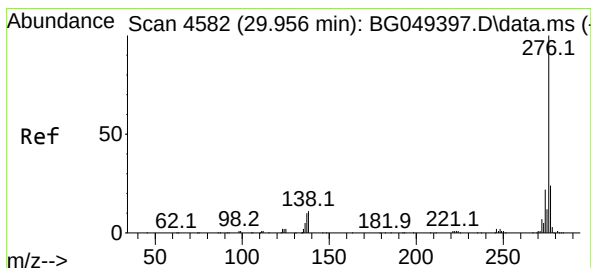
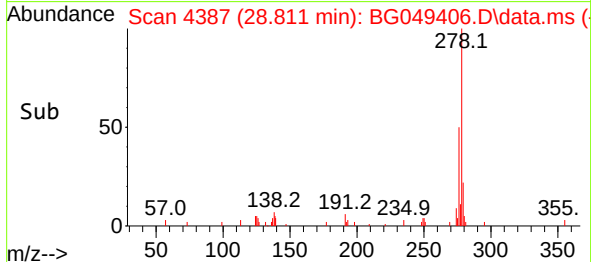
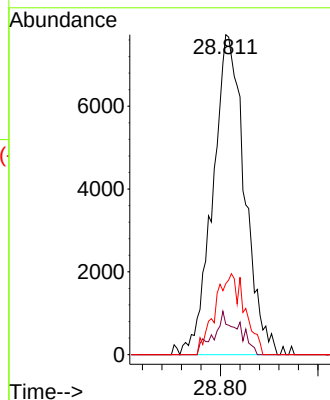
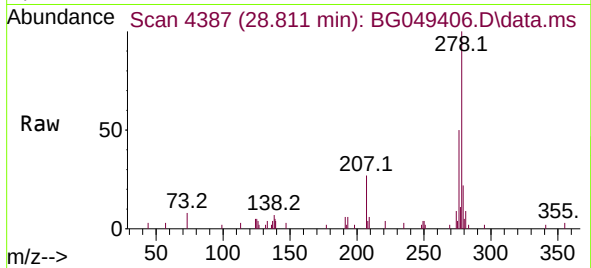
#91
Dibenzo(a,h)anthracene
Concen: 3.93 ng
RT: 28.811 min Scan# 4387
Delta R.T. -0.029 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 278 Resp: 34946
Ion Ratio Lower Upper
278 100
139 9.5 4.6 6.8#
279 22.2 17.9 26.9

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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#92
Benzo(g,h,i)perylene
Concen: 3.94 ng
RT: 29.927 min Scan# 4577
Delta R.T. -0.029 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 276 Resp: 34639
Ion Ratio Lower Upper
276 100
277 14.6 18.4 27.6#
138 11.8 7.0 10.6#

